SONY

3-242-048-**21** (1)

MG-MS/FM/MW/LW Compact Disc Player

Operating Instructions GB

使用說明書 CT

For installation and connections, see the supplied installation/connections manual.
關於本機的安裝及線路連接，請參見提供的“安裝／線路連接說明書”。

COMPACT disc DIGITAL AUDIO TEXT

MG

MEMORY STICK

MEX-5DI

© 2002 Sony Corporation

Welcome !

Thank you for purchasing this Sony Compact Disc Player.

FEATURING:
- "Memory Stick" slot equipped.
- "MagicGate Memory Stick" ("MG Memory Stick" in the pages that follow.) and "Memory Stick" compatibility.
- ATRAC3 file playback recorded on an "MG Memory Stick" is possible.
- MP3 file playback recorded on a disc is possible.
- CD-R/CD-RW which can have a session added can be played (page 50).
- Discs recorded in Multi Session (CD-Extra, Mixed CD, etc.) can be played, depending on the recording method (page 50).
- Car G-PROTECTON.
- Optional CD/MD units (both changers and players)*1.
- ID3 tag*2 version 1 information (displayed when an MP3 file is played).
- CD TEXT information (displayed when a CD TEXT disc*3 is played).
- **Supplied controller accessory**
  Card remote commander RM-X132
- **Optional controller accessory**
  Wireless rotary commander RM-X6S

*1 *This unit works with Sony products only.*
*2 *ID3 tag is an MP3 file that contains information about album name, artist name, track name, etc.*
*3 *A CD TEXT disc is an audio CD that includes information such as the disc name, artist name, and track names. This information is recorded on the disc.*

This manual explains how to operate the supplied card remote commander.

Illustrations in this manual may differ from the actual device.

Car G-PROTECTION

G-PROTECTION is originally developed for Walkman and performs supreme skip-free against shocks. Car G-PROTECTION is designed and tuned for car audio based on the technology of original G-PROTECTION. Car G-PROTECTION creates comfortable audio reproduction with supreme skip-free and the same time, it extends the concept and the value of G-PROTECTION from Walkman to car audio.

Specification of Car G-PROTECTION

Car G-PROTECTION has following specification.
(a) Re-focus within 0.5 sec., if there is a missed data.
(b) Read data with double speed or more.

Limitation of Car G-PROTECTION

Car G-PROTECTION performs supreme skip-free but it doesn't mean that it can guarantee the perfect skip-free. Some skips may occur by continuous vibration and/or the installation condition of the master unit.

- "MagicGate Memory Stick," MG, "Memory Stick," , are trademarks of Sony Corporation.
- "MagicGate" and MAGICGATE are trademarks of Sony Corporation.
- "Cyber-shot" is a trademark of Sony Corporation.
- "Walkman" is a trademark of Sony Corporation.
- "OpenMG Jukebox" is a trademark of Sony Corporation.
- "SonicStage" is a trademark of Sony Corporation.
- All other trademarks and registered trademarks are trademarks or registered trademarks of their respective holders.

Table of Contents

Location of controls 4
General top menu display. 7

Basic operations

Listening to a CD 8
Listening to ATRAC3 files in "MG Memory Stick" 10
Listening to radio 12
Selecting the display mode and display pattern. 13
Displaying/storing a static image from a "Memory Stick". 16

Getting Started

Resetting the unit 18
Setting the clock and the calendar 18

CD/MG-MS Player CD/MD Unit (optional)

Playing a disc 19
Playing an "MG Memory Stick" 20
Playing the tracks in "MG Memory Stick" automatically 20
Display items 21
Playing tracks repeatedly — Repeat Play 22
Playing tracks in random order — Shuffle Play 22
Labelling a CD — Disc Memo* 23
Locating a track/disc by name — List-up* 24

* *Functions available with optional CD/MD unit*

Radio

Storing stations automatically — Best Tuning Memory (BTM) 24
Display items 25
Receiving the stored stations 25
Storing only desired stations 26
Tuning in a station through a list — List-up. 26

RDS

Overview of RDS. 27
Automatic retuning for best reception results — AF function. 28
Receiving traffic announcements — TA/TP. 29
Presetting RDS stations with AF and TA setting 29
Tuning in stations by programme type — PTY. 30
Setting the clock automatically — CT. 31

Image Settings

Customising a wall paper — Wall Paper 31
Setting a panorama image — Panorama 34
Setting a jacket picture — Jacket Pic 35
Setting a clip motion — ClipMotion. 37
Displaying an image as a slide show — Slide Show 38
Deleting the picture data — Picture Del 39
Setting the display characters — Char Setup 40

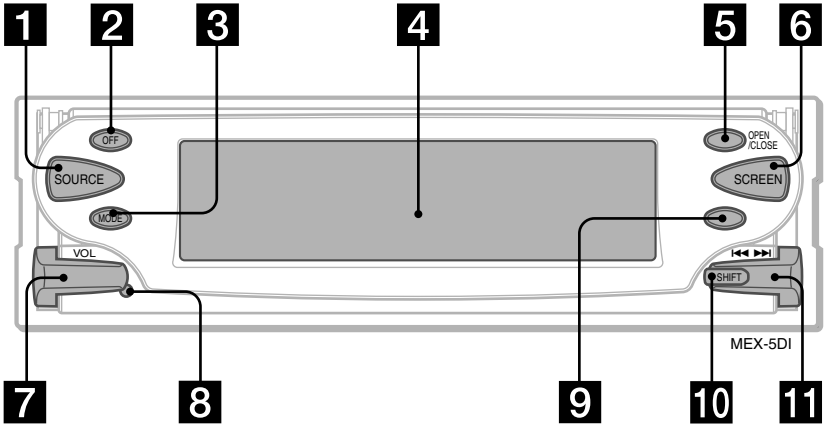
Other Functions

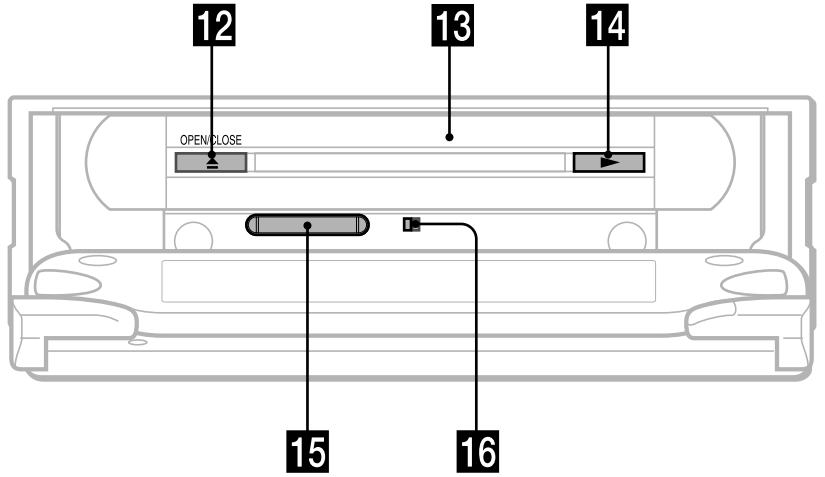
Adjusting the sound characteristics 41
Quickly attenuating the sound 41
Changing the sound and display settings — Menu 41
Setting the Dynamic Soundstage Organiser (DSO) 42
Setting the equaliser (EQ7) 43
Adjusting the front and rear volume 44
Adjusting the volume of the subwoofer(s) 44
Connecting auxiliary audio equipment 45
Setting the security code 46

Additional Information

Maintenance 47
Removing the unit 48
Precautions 49
Notes on discs 49
About MP3 files 50
On "Memory Stick". 52
Specifications 54
Troubleshooting. 55
Error displays/Messages 56
Index 58

Location of controls





Refer to the pages listed for details.

1 SOURCE (Power on/Radio/CD/MG-MS/MD/AUX*1) button
To select the source.

2 OFF (Stop/Power off) button*2 8, 11, 12, 19, 20, 46

3 MODE button
To change the operation.

4 Display window

5 OPEN/CLOSE button 8, 9, 10, 11, 19
Tap to:
Open/close the front panel.
Press and hold to:
Open the front panel and the disc tray.

6 SCREEN button
To select the display mode.

7 VOL (volume) control lever

8 Reset button 18

9 Receptor for the card remote commander and wireless rotary commander

10 SHIFT (switching shift 1-3) button
To change the function of the ⏮ ⏭ lever (11).

11 ⏮ ⏭ lever
Selecting radio stations, the items to be adjusted, the desired image.

12 ⏏ (eject) OPEN/CLOSE button 8, 9, 19
To eject a disc, open/close the disc tray.

13 Disc tray

14 ► (play) button 8, 19

15 "Memory Stick" slot

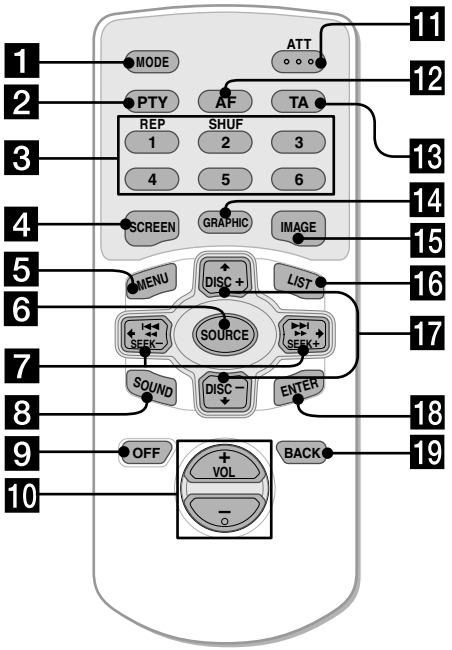
16 "Memory Stick" access lamp

*1 When an optional CD/MD unit is connected, "AUX" is not displayed.

*2 **Warning**
when installing in a car without an ACC (accessory) position on the ignition switch
After turning off the ignition, be sure to press (OFF) on the unit for 2 seconds to turn off the clock display.
Otherwise, the clock display does not turn off and causes battery drain.

continue to next page →

Card remote commander RM-X132



The corresponding buttons of the card remote commander control the same functions as those on this unit.

1 MODE button
2 PTY button
3 Number buttons
(1) REP
(2) SHUF
To store stations, receive stored stations.
4 SCREEN button
5 MENU button
To display the general menus.
6 SOURCE button
7 ←/→ (SEEK –/+) buttons
8 SOUND button
To display the sound menus.
9 OFF button
10 VOL (+/–) buttons
11 ATT button
12 AF button
13 TA button
14 GRAPHIC button
To display the graphic menus.
15 IMAGE button
To switch the display patterns.
16 LIST button
17 ↑/↓ (DISC +/–) buttons
18 ENTER button
19 BACK button

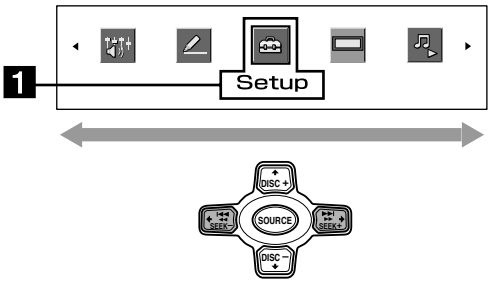
Note
If the unit is turned off by pressing (OFF) for 2 seconds, it cannot be operated with the card remote commander unless (SOURCE) on the unit is pressed to reactivate the unit first.

Tip
See "Replacing the lithium battery" on page 48 for details on how to replace the batteries.

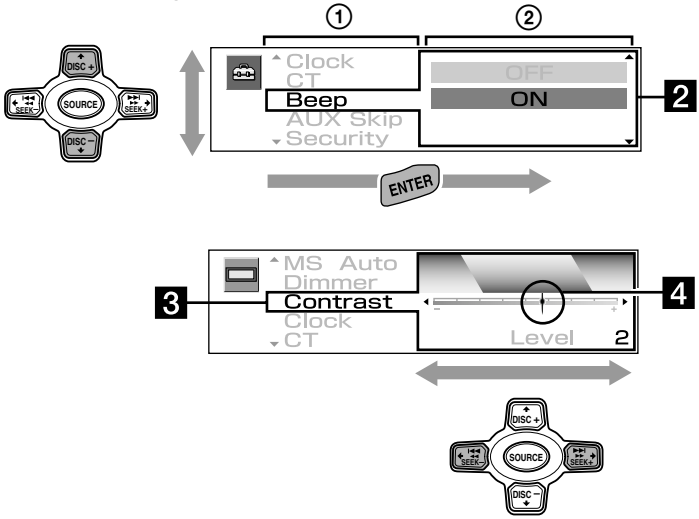
General top menu display

Press (MENU) to enter the general top menus, then select the category of menu. In the general menu display you can select various settings. To select, press (ENTER). To return to a previous operation, press (BACK). To complete the setting and return to the normal display, press (MENU).

General top menu display



General menu display



Icons and the contents of settings

Setup
Basic settings

Display
Display setting

PlayMode
Settings for playback and radio reception

Edit
Display character setting

SoundTuning
Precise settings for sound quality

1 Selected category menu
Example: Setup

2 Selected item and setting
Example: Beep ON

Note
To move ① to ②, press (ENTER).

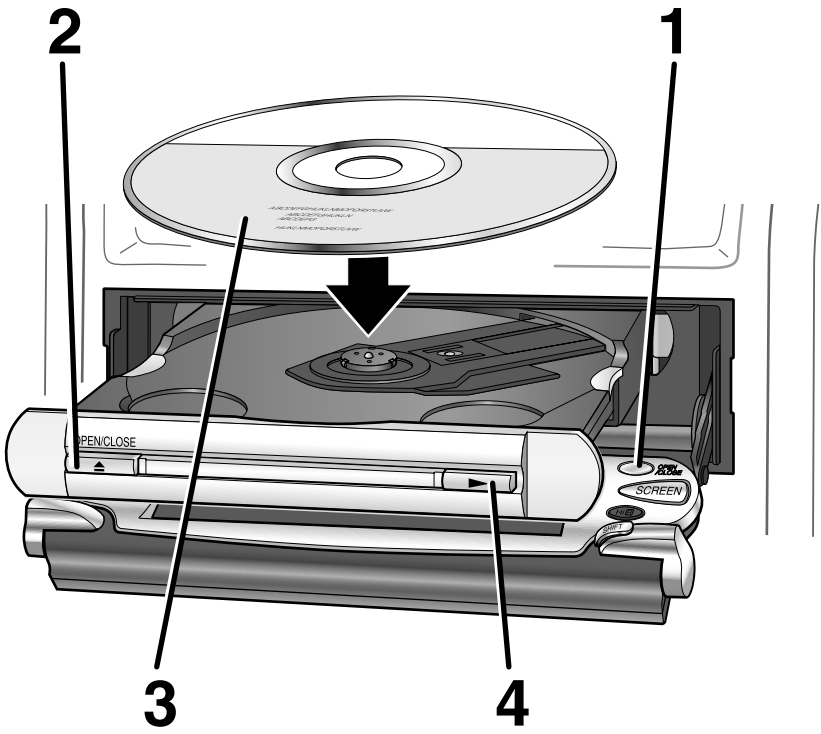
3 Selected item and setting
Example: Contrast Level 2

4 The light moves as the level changes

Note
The displayed item will differ depending on the source.

Basic operations

Listening to a CD



1 Press (OPEN/CLOSE).
The front panel opens.

2 Press ⏏ (OPEN/CLOSE) on the disc tray.
The disc tray opens.

3 Place a disc on the disc tray until it clicks (label side up).
If you play a disc that has not clicked in the disc tray, the disc may be damaged.

4 Press ►.
Playback starts after the disc tray and front panel closes.

Notes

- *Do not place more than 1 disc on the disc tray.*
- *The disc tray and front panel closes automatically after the caution alarm beeps.*
- *If you close the disc tray without a CD in the disc tray, the unit will make some noise. This is not a malfunction.*

Tip

If you press and hold (OPEN/CLOSE) of the front panel for more than 1 second, the front panel opens first, then the disc tray opens.

To adjust the volume level

Press up or down the VOL lever.

To stop playback

Press (OFF).

When a disc is already inserted

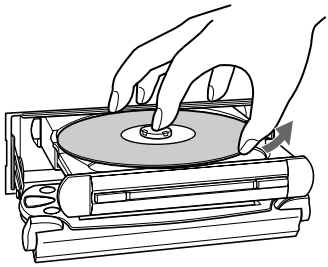
Press (SOURCE) repeatedly until "(CD icon)" or "CD" appears.

To eject the disc

Press OPEN/CLOSE for 1 second. Alternatively, press OPEN/CLOSE to first open the front panel, then press ⏏ (OPEN/CLOSE) on the disc tray.

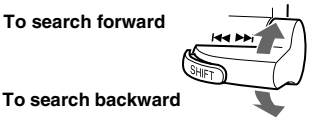
To remove the disc

Press down the centre spindle, and lift up the edge of the disc by the relief in the disc tray.



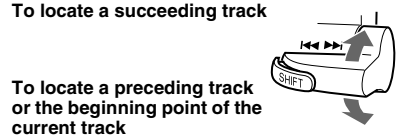
To locate a specific point in a track (Manual search)

Press up or down and hold the ⏮ ⏭ lever, and release at the desired point.



To locate a specific track (Automatic Music Sensor)

Press up or down the ⏮ ⏭ lever (once for each track).

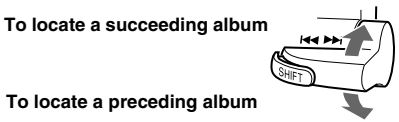


To continuously skip tracks, press up or down once and press up or down again within 1 second (and hold) the ⏮ ⏭ lever.

To locate a specific album

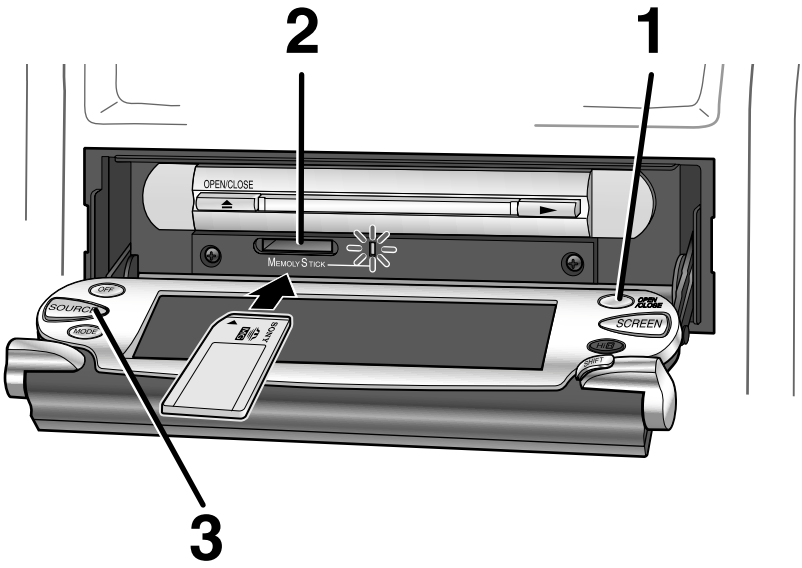
(available only when an MP3 file is played)

Press SHIFT, then press up or down the ⏮ ⏭ lever while "Album" is displayed in the lower right of the display (once for each album).



To continuously skip albums, press up or down once and press up or down again within 1 second (and hold) the ⏮ ⏭ lever.

Listening to ATRAC3 files in “MG Memory Stick”



1 Press (OPEN/CLOSE).
The front panel opens.

2 Insert an “MG Memory Stick” until it clicks.
The “Memory Stick” access lamp lights up, then the front panel closes automatically after the caution alarm beeps.

3 Press (SOURCE) repeatedly until “ (MG-MS icon)” or “MS” appears.
Playback starts.

Notes

- *Insert the “MG Memory Stick” in the correct direction.*
- *Do not forcefully remove the “MG Memory Stick.”*
- *Be careful that the “MG Memory Stick” does not spring out from the unit and drop.*

Tip

When “MS Auto” is set to “ON,” playback starts automatically (page 20).

To adjust the volume level

Press up or down the VOL lever.

To stop playback

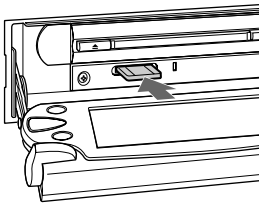
Press (OFF).

When an "MG Memory Stick" is already inserted

Press (SOURCE) repeatedly until " (MG-MS icon)" or "MS" appears.

To eject the "MG Memory Stick"

Press (OPEN/CLOSE) to open the front panel. Push in the "MG Memory Stick" momentarily, then remove it.



Note

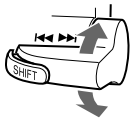
Do not leave an "MG Memory Stick" protruding out.

To locate a specific point in a track (Manual search)

Press up or down and hold the ⏮ ⏭ lever, and release at the desired point.

To search forward

To search backward

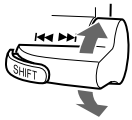


To locate a specific track (Automatic Music Sensor)

Press up or down the ⏮ ⏭ lever (once for each track).

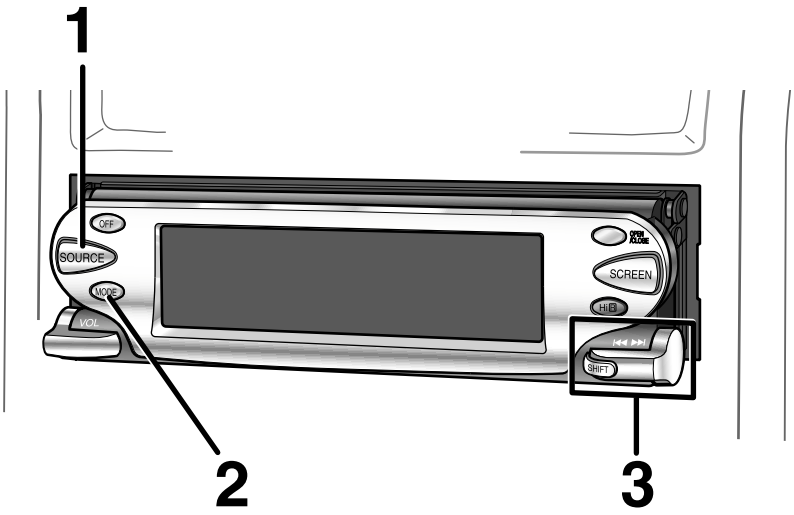
To locate the next track

To locate the previous track or the beginning point of the current track



To continuously skip tracks, press up or down once and press up or down again within 1 second (and hold) the ⏮ ⏭ lever.

Listening to radio



1 Press (SOURCE) repeatedly until "(tuner icon)" or the band (FM1, FM2, FM3, MW, or LW) appears.

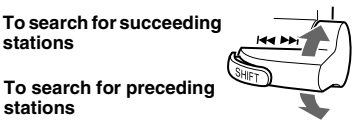
2 Press (MODE) repeatedly to select the band.

3 Press (SHIFT), then press up or down the I◄◄ ►►I lever while "Preset" is displayed in the lower right of the display to select the desired station.
The station can be selected when the desired station is stored (page 26).
The number button ((1) to (6)) on the card remote commander can also be selected.

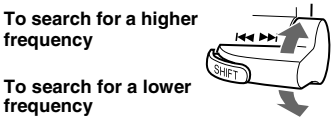
To adjust the volume level
Press up or down the VOL lever.

To stop radio reception
Press (OFF).

To receive a station automatically (Automatic tuning)
Press up or down the I◄◄ ►►I lever.



To receive a desired frequency (Manual tuning)
Press up or down and hold the I◄◄ ►►I lever, and release at the desired frequency.



Selecting the display mode and display pattern

You can select from 5 different display modes. You can also select various display patterns in Standard mode, Spectrum analyzer mode, Panorama/Wall paper mode, and Screen Saver mode.

Standard mode

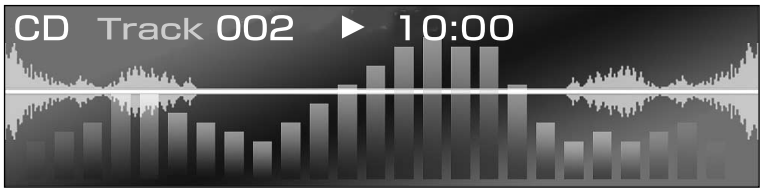
Displays various information such as source, track number, elapsed playing time, disc name, track name, and sound settings. You can display items such as an icon of the source on the left side of the display, spectrum analyser or wall paper in smaller size in the centre of the display.

Standard mode 1 (Spectrum analyser)

Standard mode 2 (Wall paper)

Spectrum analyser mode

Displays a pre-stored spectrum analyser setting on the whole screen.



Panorama/Wall paper mode

Displays pre-stored static images or static pictures in a “Memory Stick” on the whole screen.

Panorama (An image scrolls)

continue to next page →

Wall paper (Displays a wall paper on the whole screen)

Screen saver mode

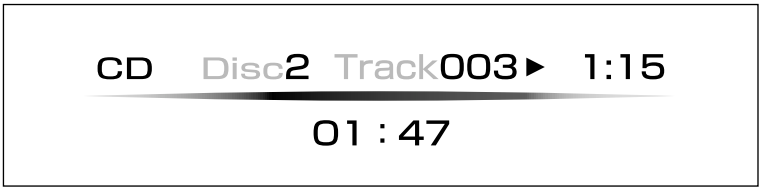
Plays back a pre-stored animation.

Clock/Slide show mode

The display changes to the Slide show mode only when the slide show is set. The display usually changes to the Clock mode without the slide show setting.

Clock

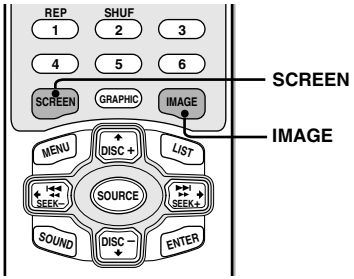
Displays playback or radio reception information and clock.



Slide show

Displays as a slide show the pictures in a “Memory Stick.”

By the card remote commander



1 During playback or radio reception, press (SCREEN) repeatedly to select the display mode.

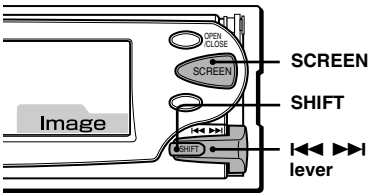
Each time you press (SCREEN), the display mode changes as follows:

Standard mode → Spectrum analyser mode → Panorama/Wall paper mode → Screen saver mode → Clock/Slide show mode* → Standard mode

2 Press (IMAGE) repeatedly to select the display pattern.

** You cannot select any display pattern in the Clock/Slide show mode.*

By the unit



1 During playback or radio reception, press (SCREEN) repeatedly to select the display mode.

Each time you press (SCREEN), the display mode changes as follows:

Standard mode → Spectrum analyser mode → Panorama/Wall paper mode → Screen saver mode → Clock/Slide show mode* → Standard mode

2 Press up or down the ⏮ ⏭ lever while "Image" is displayed in the lower right of the display to select the display pattern.

** You cannot select any display pattern in the Clock/Slide show mode.*

When switching only the display pattern, press (SHIFT) until "Image" appears on the display lower right, and press up or down the ⏮ ⏭ lever while "Image" is displayed. (If source is AUX, you do not need to press (SHIFT).)

Displaying/storing a static image from a “Memory Stick”

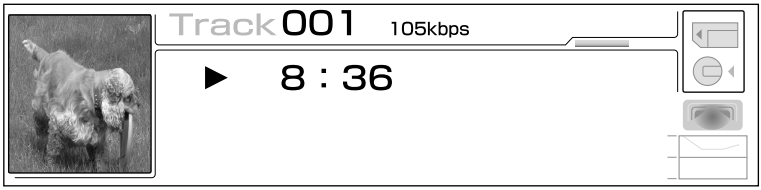
Image data (JPEG, BMP, GIF, PNG) stored in “Memory Stick” can be displayed/stored in the display of this unit.

Displayed as a jacket picture — Standard mode (page 35)

The image format and size which can be displayed is:
JPEG: 1,600 ×1,200 dots or less
BMP, GIF, PNG: 640 ×480 dots or less

Displayed as a clip motion — Standard mode (page 37)

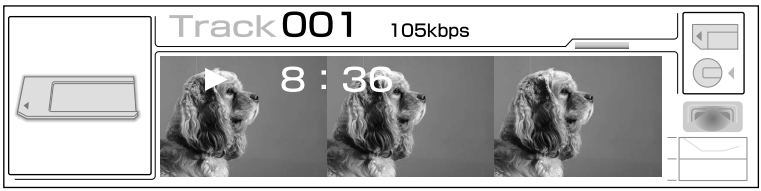
The image format and size which can be displayed is:
JPEG: 1,600 ×1,200 dots or less
BMP, GIF, PNG: 640 ×480 dots or less
GIF animation file: 160 ×120 dots or less, up to 10 frames (84 ×84 dots or less, up to 20 frames)



Displayed as a wall paper (page 31)

The image format and size which can be displayed is:
JPEG: 1,600 ×1,200 dots or less
BMP, GIF, PNG: 640 ×480 dots or less

Standard mode



Panorama/Wall paper mode

Scrolls the picture horizontally on the whole screen — Panorama/Wall paper mode (page 34)

The image format and size which can be displayed is:
JPEG: 1,600 ×1,200 dots or less

Displayed as a slide show — Clock/Slide show mode (page 38)

JPEG: 1,600 ×1,200 dots or less
BMP, GIF, PNG: 640 ×480 dots or less

Note

Images you processed on your computer may not be displayed.

Getting Started

Resetting the unit

Before operating the unit for the first time, or after replacing the car battery or changing the connections, you must reset the unit.
Press the reset button with a pointed object, such as a ballpoint pen.
After the reset is complete, the pre-stored images are displayed. Press IMAGE on the card remote commander to show the clock display and set the clock and calendar.

Reset button

Notes

- *Pressing the reset button will erase the clock/calendar setting and some stored contents.*
- *The unit starts to perform initial setting for 10 seconds after you press the reset button. During this, do not insert a disc or "Memory Stick," otherwise the unit may not be reset. Should this occur, press the reset button again.*
- *The unit makes some noise during the initial settings, this is not a malfunction.*

Setting the clock and the calendar

The clock uses a 24-hour digital indication (Day/Month/Year Time).
The factory setting is "01/01/2002 01:00."

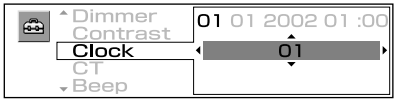
1 Press MENU.

2 Press ← or → repeatedly to select "Setup."

3 Press ENTER.

4 Press ↑ or ↓ repeatedly to select "Clock."

5 Press ENTER.



❶Press ↑ or ↓ repeatedly to set the day.
Each time you press ↑, the number of the day increases.
Each time you press ↓, the number of the day decreases.

❷Press → to move to the month, then press ↑ or ↓ repeatedly to set the month.

❸Repeat step ❷ to set the year, the hour, and the minute.

6 Press ENTER.
The settings for clock and calendar are stored, and the display returns to the normal display.

Note

If your car has no ACC position, turn on the power of this unit first, then set the clock and the calendar.

Tip

You can set the year from 2000 to 2099.

CD/MG-MS Player CD/MD Unit (optional)

In addition to playing a CD with this unit, you can also control external CD/MD units.

Note

If you connect an optional CD unit with the CD TEXT function, the CD TEXT information will appear in the display when you play a CD TEXT disc.

: Operation by this unit

: Operation by card remote commander

Playing a disc

(With this unit)

1 Insert a disc (page 8).

2 Press ►.
Playback starts after the disc tray and front panel closes.

If a disc is already inserted, press SOURCE repeatedly until "(CD icon)"or "CD" appears in the display, and playback starts. (If you press ⏏, the disc tray closes but playback does not start.)

Notes

- *Do not place more than 1 disc on the disc tray.*
- *The disc tray and front panel closes automatically after the caution alarm beeps.*

To	Press
Stop playback	OFF
Eject the disc	OPEN/CLOSE for 1 second OPEN/CLOSE, then ⏏
Skip tracks – Automatic Music Sensor	I◄◄ ►►I lever up/down [once for each track]
Fast-forward/ reverse – Manual Search	I◄◄ ►►I lever up/down [hold until the desired point]
Skip albums* – Album selection	SHIFT, then I◄◄ ►►I lever up/down [once for each album]

To	Press
Stop playback	OFF
Skip tracks – Automatic Music Sensor	←/→ (I◄◄/►►I) [once for each track]
Fast-forward/ reverse – Manual Search	←/→ (◄◄/►►) [hold until the desired point]
Skip albums* – Album selection	↑/↓ (+/–) [once for each album]

* *Available only when an MP3 file is played.*

Notes

- *There is a delay for a few seconds after pressing OPEN/CLOSE or ⏏ before the disc tray is ejected, while the data in the disc is being read.*
- *Depending on the recording method used on the disc, it may take a minute or more before playing the first track.*
- *Depending on the condition of the disc, it may not play back (page 49, 50).*
- *While the first/last track on the disc is playing, if ↓ or ↑ is pressed, playback skips to the last/first track of the disc.*
- *When the last track on the disc has finished, playback restarts from the first track of the disc.*
- *With the optional unit connected, playback of the same source will continue on to the optional CD/MD unit.*

(With optional unit)

1 Press SOURCE repeatedly until "(CD icon)," "CD," or "(MD icon)," "MD" appears.

2 Press MODE repeatedly until the desired unit appears.
Playback starts.

Locating a track and disc

See "Locating a track/disc by name" on page 24.

Playing an "MG Memory Stick"

You can playback ATRAC3 files in "MG Memory Stick."

Press (SOURCE) repeatedly until "[MG-MS icon]" or "MS" appears.
Playback starts.

Tip

When you check out an ATRAC3 file using SonicStage or OpenMG Jukebox ver.2.2 (or later), you can attach an image to the file.
If you play this ATRAC3 file on this unit, the image you have attached is shown in the source area of the display. Images you processed on your computer may not be displayed.
For further details, refer to the operation manual of SonicStage or OpenMG Jukebox.

To	Press
Stop playback	(OFF)
Skip tracks – Automatic Music Sensor	⏮ ⏭ lever up/down [once for each track]
Fast-forward/ reverse – Manual Search	⏮ ⏭ lever up/down [hold until the desired point]

To	press
Stop playback	(OFF)
Skip tracks – Automatic Music Sensor	⬅/➡ (⏮/⏭) [once for each track]
Fast-forward/ reverse – Manual Search	⬅/➡ (◀◀/▶▶) [hold until the desired point]

Note

This unit cannot play back the following data in "MG Memory Stick."
– Data other than ATRAC3.
– Data that has playback restrictions.
– Data that has a playback time restriction outside the designated period.

Playing the tracks in "MG Memory Stick" automatically

Set "MS Auto" to "ON" and insert the "MG Memory Stick" to playback sequentially from the first track automatically.

1 Press (MENU).

2 Press ⬅ or ➡ repeatedly to select "Setup."

3 Press (ENTER).

4 Press ⬆ or ⬇ to select "MS Auto."

5 Press (ENTER).

6 Press ⬆ or ⬇ to select "ON."

7 Press (ENTER).
The display returns to the top menu display.

8 Press (MENU).
The display returns to the normal display.

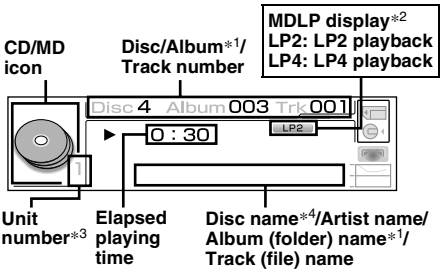
To cancel automatic playback of "MG Memory Stick," select "OFF" in step 6.

Display items

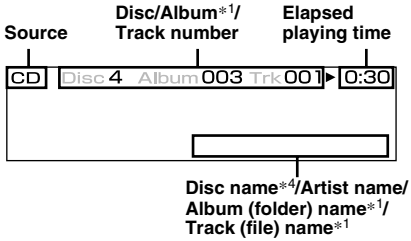
When the disc/album*1/track changes, any prerecorded title of the new disc/album/track is automatically displayed. If "AutoScroll" is set to "ON," names will be scrolled (page 41).

CD/MD

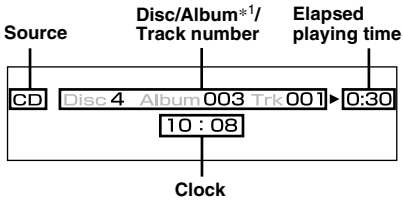
Standard mode:



Spectrum analyser mode/Panorama/Wall paper mode/Screen saver mode/Slide show mode:



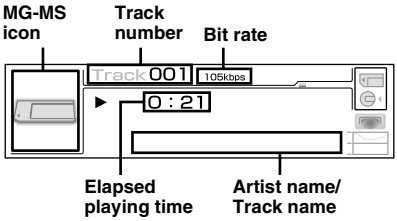
Clock mode:



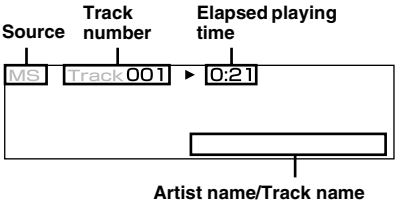
*1 *Available only when an MP3 file is played.*
*2 *Available only when an optional MD unit with the MDLP function is connected, and an MDLP disc is played.*
*3 *Available only when an optional CD/MD unit is connected.*
*4 *If the disc has been labelled by this unit using the CUSTOM FILE function, Disc Memo is displayed accordingly.*

"MG Memory Stick"

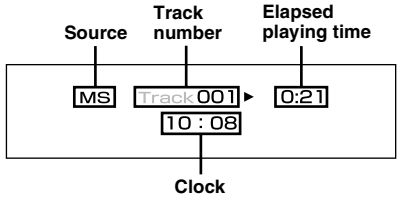
Standard mode:



Spectrum analyser mode/Panorama/Wall paper mode/Screen saver mode mode:



Clock mode:



continue to next page →

Notes
- *Some characters cannot be displayed.*
- *For some CD TEXT discs with very many characters, some characters may not be displayed nor scroll.*
- *This unit cannot display the artist name for each track of a CD TEXT disc.*

Notes on MP3
- *When playing MP3 with ID3 tag, ID3 tag (artist name/album name/track name) is displayed.*
- *ID3 tag applies only to version 1.*
- *The ID3 tag character codes comply with ASCII and ISO 8859-1 standards. Joliet format discs can only be displayed in ASCII. Incompatible characters will be displayed as "*."*
- *In the following cases, elapsed playing time may not be displayed accurately.*
  – when an MP3 file of VBR (variable bit rate) is played.
  – during fast-forward/reverse.

Tip
When "AutoScroll" is set to "OFF" and the disc/album/track name is changed, the disc/album/track name does not scroll.

Playing tracks repeatedly

— Repeat Play

The disc in the main unit will repeat a track, the entire album, or the entire disc when it reaches the end. For repeat play, you can select:

CD/MD
- REP ♫ — to repeat a track.
- REP ⊙ *1 — to repeat an album.
- REP ⊜ *2 — to repeat a disc.

"MG Memory Stick"
REP ♫ — to repeat a track.

*1 *Available only for MP3 files.*
*2 *Available only when one or more optional CD/MD units are connected.*

During playback, press ① (REP) repeatedly until the desired setting appears in the display.
Repeat Play starts.

In a display mode other than the Standard mode, the icon will disappear a short time after you adjust the setting.

To return to normal play mode, press ① (REP) repeatedly until the icon disappears from the display.

Playing tracks in random order

— Shuffle Play

You can select:
- SHUF ⊙ *1 — to play the tracks in the current album in random order.
- SHUF ⊜ — to play the tracks on the current disc in random order.
- SHUF ⊜⊜ *2 — to play the tracks in the current optional CD (MD) unit in random order.
- SHUF All *3 — to play all the tracks in all the connected CD (MD) units (including this unit) in random order.

*1 *Available only for MP3 files.*
*2 *Available only when one or more optional CD (MD) units are connected.*
*3 *Available only when one or more optional CD units, or two or more optional MD units are connected.*

During playback, press ② (SHUF) repeatedly until the desired setting appears in the display.
Shuffle Play starts.

In a display mode other than the Standard mode, the icon will disappear a short time after you adjust the setting.

To return to normal play mode, press ② (SHUF) repeatedly until the icon disappears from the display.

Notes
- *" SHUF All " will not shuffle tracks between CD units and MD units.*
- *The tracks in an "MG Memory Stick" cannot shuffle.*

Labelling a CD

— Disc Memo (With an optional CD unit with the CUSTOM FILE function)

You can label each disc with a custom name (Disc Memo). You can enter up to 8 characters for a disc. If you label a CD, you can locate the disc by name (page 24).
As a display item, the Disc Memo always takes priority over any original CD TEXT information.

Caution

Do not use the CUSTOM FILE feature while driving, or perform any other function which could divert your attention from the road.

1 Start playing a disc you want to label.

2 Press (MENU).

3 Press ← or → repeatedly to select "Edit."

4 Press (ENTER).

5 Press ↑ or ↓ to select "Name Edit."

6 Press (ENTER).

The unit will repeat the disc during the labelling procedure.

7 Enter the characters.

❶Press ↑* repeatedly to select the desired character.

A → B → C ... → 0 → 1 → 2 ... → + → – → ✻ ... → (blank space) → A

**For reverse order, press ↓.*

❷Press → after locating the desired character.

If you press ←, you can move back to the left.

❸Repeat steps ❶ and ❷ to enter the entire name.

8 Press (ENTER).
The display returns to the top menu display.

9 Press (MENU).
The display returns to the normal display.

Tips

- *Simply overwrite or enter a blank space to correct or erase a name.*
- *You can label CDs on a unit without the CUSTOM FILE function if that unit is connected along with a CD unit that has the function. The Disc Memo will be stored in the memory of the CD unit with the CUSTOM FILE function.*

Note

Repeat/shuffle play is suspended until the Name Edit is complete.

Erasing the Disc Memo

1 Press (SOURCE) repeatedly to select "CD."

2 Press (MODE) repeatedly to select the CD unit with the CUSTOM FILE function.

3 Press (MENU).

4 Press ← or → repeatedly to select "Edit."

5 Press (ENTER).

6 Press ↑ or ↓ to select "Name Del."

7 Press (ENTER).
The stored names will appear.

8 Press ↑ or ↓ repeatedly to select the disc name you want to erase.

9 Press (ENTER) for 2 seconds.
The name is erased.
Repeat steps 8 and 9 if you want to erase other names.

10 Press (MENU).
The display returns to the normal display.

Notes

- *When the Disc Memo for a CD TEXT disc is erased, the original CD TEXT information is displayed.*
- *If you cannot find the Disc Memo you want to erase, try selecting a different CD unit in step 2.*

Tips

- *In step 7, if there is no Disc Memo, the display will return to the normal display automatically.*
- *If all the Disc Memo is deleted in step 9, the display will return to the normal display automatically.*

Locating a track/disc by name

— List-up

(With this unit)

When a name is assigned to an ATRAC3 file in an "MG Memory Stick," you can locate it by name.

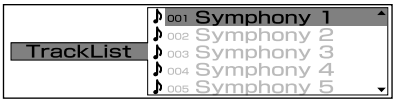
(With an optional CD unit with the CD TEXT/ CUSTOM FILE function, or an MD unit)

You can use this function for discs that have been assigned custom names*1 or for CD TEXT discs*2.

1 Press (LIST).

The assigned track*3/disc name appears in the display.

Example: TrackList



2 Press ↑ or ↓ repeatedly to select the desired track*3/disc.

3 Press (ENTER).

1 Locating a disc by its custom name: when you assign a name for a CD (page 23) or an MD.

2 Locating discs by the CD TEXT information: when you play a CD TEXT disc on a CD unit with the CD TEXT function.

3 Available only for ATRAC3 files in an "MG Memory Stick."

Note

In the case of CD TEXT discs and MDs, some letters cannot be displayed.

Tip

To stop selecting and return to the normal display, press (LIST).

Radio

The unit can store up to 6 stations per band (FM1, FM2, FM3, MW, and LW).

Caution

When tuning in stations while driving, use Best Tuning Memory to prevent accidents.

Storing stations automatically

— Best Tuning Memory (BTM)

The unit selects the stations with the strongest signals within the selected band, and stores them in the order of their frequency.

1 Press (SOURCE) repeatedly until "📻 (tuner icon)" or the band appears.

2 Press (MODE) repeatedly to select the band.

3 Press (MENU).

4 Press ← or → repeatedly to select "Edit."

5 Press (ENTER).

6 Press ↑ or ↓ repeatedly to select "BTM."

7 Press (ENTER).

The stations with the strongest signals within the selected band are stored in order of frequency in the memory. To cancel storing, press (ENTER) while storing the stations.

8 Press (MENU).

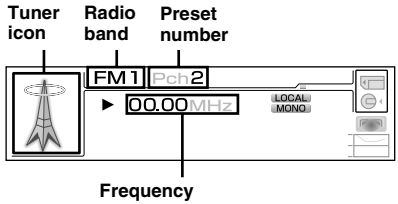
The display returns to the normal display.

Notes

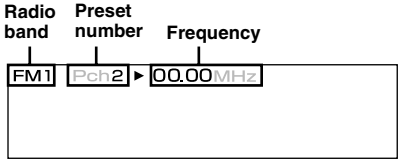
- *If only a few stations can be received due to weak signals, some stored preset numbers will retain their former settings.*
- *When a preset number is indicated in the display, the unit starts storing stations from the one currently displayed.*

Display items

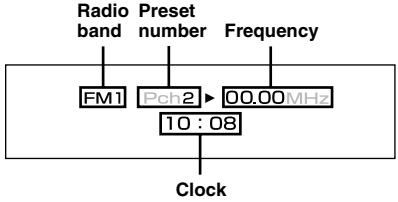
Standard mode:



Spectrum analyser mode/Panorama/Wall paper mode/Screen saver mode/Slide show mode:



Clock mode:



Receiving the stored stations

1 Press (SOURCE) repeatedly to select the radio.

2 Press (MODE) repeatedly to select the band.

3 Press the number button (1 to 6) on which the desired station is stored.

Tip

Press ↑ or ↓ to receive the stations in the order they are stored in the memory (Preset Search function).

If preset tuning does not work

Press ← (SEEK –) or → (SEEK +) to search for the station (automatic tuning).

Scanning stops when the unit receives a station. Repeat until the desired station is received.

Tips

- *If automatic tuning stops too frequently, turn on the Local Seek to limit seek to stations with stronger signals (see "Changing the sound and display settings" on page 41).*
- *If you know the frequency of the station you want to listen to, press and hold ← or → to locate the approximate frequency, then press the ← or → repeatedly to fine adjust to the desired frequency (manual tuning).*

If FM stereo reception is poor

Select monaural reception mode

(see "Changing the sound and display settings" on page 41).

The sound improves, but becomes monaural ("STEREO" disappears).

Tip

If FM broadcasts are difficult to hear, set "DSO" to "OFF" (page 42).

Storing only desired stations

You can manually preset desired stations.

1 Press (SOURCE) repeatedly to select the radio.

2 Press (MODE) repeatedly to select the band.

3 Press ← (SEEK –) or → (SEEK +) to tune in the station that you want to store.

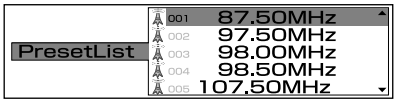
4 Press the desired number button (1 to 6) for 2 seconds until "Memory" appears.
The number of the button you pressed is displayed, and then the selected station is assigned to this number and stored.

Note
If you try to store another station on the same stored number, the previously stored station will be erased.

Tuning in a station through a list

— List-up

1 During radio reception, press (LIST) momentarily.
The frequency or the name assigned to the current station appears in the display.



2 Press ↑ or ↓ repeatedly to select the desired station.
If no name is assigned to the station, the frequency appears in the display.

3 Press (ENTER) to tune in the desired station.
After tuning is completed, the display returns to the normal display.

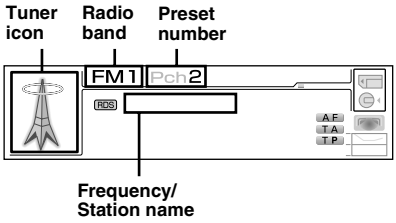
Tip
To stop selecting and return to the normal display, press (LIST).

RDS

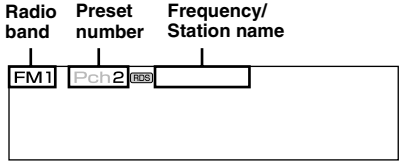
Overview of RDS

FM stations with Radio Data System (RDS) service send inaudible digital information along with the regular radio programme signal. For example, one of the following will be displayed upon receiving a station with RDS capability.

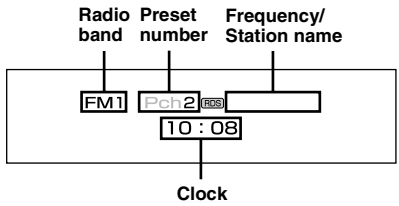
Standard mode:



Spectrum analyser mode/Panorama /Wall paper mode/Screen saver mode/Slide show mode:



Clock mode:



RDS services

RDS data offers you other conveniences, such as:

- **Automatic retuning** of a programme, helpful during long-distance drives. — AF → page 28
- Receiving **traffic announcements**, even when enjoying another programme/source. — TA → page 29
- Selecting stations by the **type of programme** it broadcasts. — PTY → page 30
- Automatic clock time setting. — CT → page 31

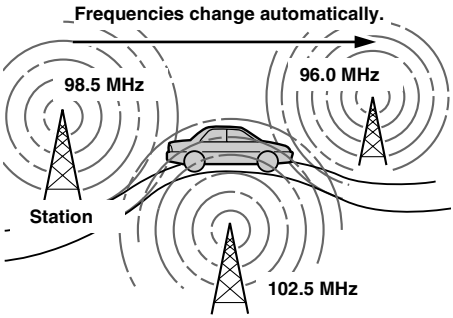
Notes

- *Depending on the country or region, not all of the RDS functions are available.*
- *RDS may not work properly if the signal strength is weak or if the station you are tuned to is not transmitting RDS data.*

Automatic retuning for best reception results

— AF function

The alternative frequencies (AF) function allows the radio to always tune into the area's strongest signal for the station you are listening to.



1 Select an FM station (page 24).

2 Press (AF) repeatedly until "A F" appears.

The unit starts searching for an alternative frequency with a stronger signal in the same network.

If "NO AF" is displayed, the currently tuned station does not have an alternative frequency.

Note

When there is no alternative frequency in the area, or when you do not need to search for one, turn the AF function off.

For stations without alternative frequencies

Press ← or → while the station name is flashing (within 8 seconds).

The unit starts searching for another frequency with the same PI (Programme Identification) data ("PI Seek" appears).

If the unit cannot find the same PI, the unit returns to the previously selected frequency.

Staying with one regional programme

When the AF function is on: this unit's factory-set setting restricts reception to a specific region, so you won't be switched to another regional station with a stronger frequency.

If you leave this regional programme's reception area or would like to take advantage of the whole AF function, select "Regional OFF" from the Menu (page 41).

Note

This function does not work in the United Kingdom and some other areas.

Local Link function (United Kingdom only)

This function enables you to select other local stations in the area, even if they are not stored on your number buttons.

1 Press a number button (1 to 6) that has a local station stored on it.

2 Within 5 seconds, press the number button of the local station again.

3 Repeat this procedure until the desired local station is received.

Receiving traffic announcements

— TA/TP

By activating the Traffic Announcement (TA) and Traffic Programme (TP), you can automatically tune in an FM station broadcasting traffic announcements. These settings function regardless of the current FM programme, or source (CD/MD, AUX). The unit switches back to the original source when the bulletin is over.

Press TA repeatedly until "TA" appears.
The unit starts searching for traffic information stations.
"TP" indicates reception of such stations. The unit will continue searching for stations available with TP if "NO TP" appears momentarily.

To cancel all traffic announcements, disappear "TA."

To	Press
Cancel current announcement	TA

Tips

- *You can also cancel the current announcement by pressing SOURCE or MODE.*
- *TA can also be set to on/off by pressing MODE on the unit for 2 seconds.*

Presetting the volume of traffic announcements

You can preset the volume level of the traffic announcements so you won't miss hearing them.

1 Press VOL to adjust the desired volume level.

2 Press TA for 2 seconds.
"TA" appears and the setting is stored.

Receiving emergency announcements

If either AF or TA is on, the unit will switch to emergency announcements, if one comes in while listening to an FM station, CD/MD, or AUX.

Presetting RDS stations with AF and TA setting

When you preset RDS stations, the unit stores each station's AF/TA setting (on/off) as well as its frequency. You can select a different setting (for AF, TA, or both) for individual preset stations, or the same setting for all preset stations. If you preset stations with "AF" to on, the unit automatically stores stations with the strongest radio signal.

Presetting the same setting for all preset stations

1 Select an FM band (page 24).

2 Press AF and/or TA to display "AF" and/or "TA."
Note that deactivating "AF" and "TA" applies to non-RDS stations as well as RDS stations.

3 Press MENU.

4 Press ← or → to select "Edit."

5 Press ENTER.

6 Press ↑ or ↓ to select "BTM."

7 Press ENTER.

8 Press MENU.
The display returns to the normal display.

Presetting different settings for each preset station

1 Select an FM band, and tune in the desired station (page 26).

2 Press AF and/or TA to display "AF" and/or "TA."

3 Press the desired number button (1 to 6) until "Memory" appears.

Repeat from step 1 to preset other stations.

Tuning in stations by programme type

— PTY

You can tune in a station by selecting the type of programme you would like to listen to.

Programme types	Display
News	News
Current Affairs	Current Affairs
Information	Information
Sports	Sport
Education	Education
Drama	Drama
Culture	Cultures
Science	Science
Varied	Varied Speech
Popular Music	Pop Music
Rock Music	Rock Music
Easy Listening	Easy Listening
Light Classical	Light Classics M
Classical	Serious Classics
Other Music Type	Other Music
Weather	Weather & Metr
Finance	Finance
Children's Programmes	Children's Progs
Social Affairs	Social Affairs
Religion	Religion
Phone In	Phone In
Travel	Travel & Touring
Leisure	Leisure & Hobby
Jazz Music	Jazz Music
Country Music	Country Music
National Music	National Music
Oldies Music	Oldies Music
Folk Music	Folk Music
Documentary	Documentary

Note

You cannot use this function in some countries where no PTY (Programme Type selection) data is available.

1 Press (PTY) during FM reception.

The current programme type name appears if the station is transmitting the PTY data.
"--------" appears if the received station is not an RDS station, or if the RDS data is not received.

2 Press ↑ or ↓ repeatedly to select the desired programme type.

The programme types appear in the order shown in the table.
"--------" appears if the programme type is not specified in the RDS data.

3 Press (ENTER).

The unit starts searching for a station broadcasting the selected programme type.

Setting the clock automatically

— CT

The CT (Clock Time) data from the RDS transmission sets the clock automatically.

1 Press (MENU).

2 Press ← or → repeatedly to select "Setup."

3 Press (ENTER).

4 Press ↑ or ↓ repeatedly to select "CT."

5 Press (ENTER).

6 Press ↑ or ↓ to select "ON."
The clock is set.

7 Press (ENTER).
The display returns to the top menu display.

8 Press (MENU).
The display returns to the normal display.

To cancel the CT function, select "OFF" in step 6.

Notes

- *The CT function may not work even though an RDS station is being received.*
- *There might be a difference between the time set by the CT function and the actual time.*

Image Settings

Customising a wall paper

— Wall Paper (Standard/Panorama/Wall paper mode)

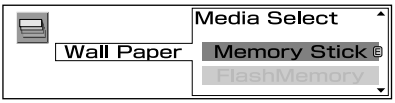
You can display the static image stored in a "Memory Stick" as a wall paper.
The image data you set will be stored in this unit. To display the pre-stored images in this unit, see "Selecting the display mode and display pattern" on page 13.

1 Insert a "Memory Stick" (page 10).

2 Press (GRAPHIC).

3 Press ← or → repeatedly to select "Wall Paper."
Each time you press ← or →, the item changes as follows:
Wall Paper ↔ Panorama ↔ Jacket Pic ↔ ClipMotion ↔ Slide Show ↔ Picture Del ↔ Char Setup

4 Press (ENTER).



5 Press ↑ or ↓ to select "Memory Stick."
If you want to change the display type of a previously stored image*, select "FlashMemory."
* *You can only change a whole image that you have stored in step 11-❸.*

6 Press (ENTER).
If you select "FlashMemory" in step 5, skip to step 9.

continue to next page →

7 Press ↑ or ↓ repeatedly to select a location or type of image that you want to set.

Save: stores all images in the first layer of a "Memory Stick" as wall papers. In this case, you cannot adjust images or select the display type. If your stored images are sized 400 ×96 dots, you can store several images at once using this function.
If you press GRAPHIC while storing images, storing will be cancelled.
PictureSelect: If an image you want to set is in the first layer of a "Memory Stick," select this.
Cyber-shot: If you want to set a picture taken by an optional Sony digital still camera Cyber-shot, select this.
(Folder name): When a folder is in a "Memory Stick," the folder name is displayed.

8 Press ENTER.

Select the folder name in step 7. If there are images in folders of a lower layer, repeat step 7 and 8 to select the folder which contains your desired image.
An image can be set in up to the 5th layer folder in a "Memory Stick."

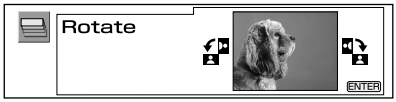
9 Press ← or → repeatedly to select the image you want to set.

10 Press ENTER.

If the size of the image you have selected in step 9 is 400 ×96 dots or less, you cannot adjust the image. In this case, skip to step 12. If you select "FlashMemory" in step 5, skip to step 12 as well.

11 Adjust the image.

❶ Press ← or → repeatedly to rotate an image.



Press ← to rotate anticlockwise and press → to rotate clockwise.

❷ Press ENTER.

❸ Press ↑ or ↓ repeatedly to decide the size of image you want to display.

Press ↑ to enlarge the selected field of image or press ↓ to reduce it.
If you want to display the whole image, press ↑ repeatedly to make the selected field of image as large as possible.

❹ Press ENTER.

If you select the whole image in step 11-❸, skip to step 12.

❺ Press the cursor button (↑/↓/←/→) repeatedly to select the image part you want to display.

❻ Press ENTER.

If you cut and display your selected field of image, you cannot select the display type in step 14. Skip to step 16.

12 Press ↑ or ↓ to select "Setup."

13 Press ENTER.

14 Press ↑ or ↓ repeatedly to select the display type.

You can select the display type from 3 types as follows.

Center: displays the image you have adjusted in the centre of the display.

Tile: displays the selected images lined up horizontally.

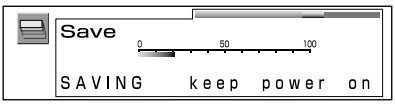
Full: adjusts and displays the selected image according to the display size.

15 Press (ENTER).

Example: Tile

16 Press ↑ or ↓ to select "Save."

17 Press (ENTER).



18 Press (GRAPHIC).

The display returns to the normal display. Press (SCREEN) to turn to the Standard mode or the Panorama/Wall paper mode. Then the adjusted wall paper is displayed.

Standard mode:

Panorama/Wall paper mode:

Notes

- *You can set the image format as follows:*
  JPEG: 1,600 × 1,200 dots or less
  BMP, GIF, PNG: 640 × 480 dots or less
- *You can set the display while the unit must be kept on.*
- *You can preview up to 100 images from a folder within a "Memory Stick" at one time.*
- *The following folders in a "Memory Stick" cannot be displayed.*
  – CONTROL
  – DCIM
  – MSSONY
  – VOICE
  – HIFI
- *In step 6 or 8, if there is no image data, "No Picture" is shown in the display.*
- *Depending on the volume of stored data, the storing time differs. Do not turn off the unit while the message in step 17 is displayed. If you turn off the power, the data will not be stored.*
- *If the capacity of the unit is not enough, "MEM FULL – delete data" is displayed and you cannot store the data. After deleting the data (page 39), perform the settings again.*

Tips

- *You can store a maximum of 100 wall papers in the unit.*
- *If "Cyber-shot" is selected in step 7, the folder is selected automatically.*

About the pre/user strage area capacity

The image is stored in the "Wall Paper" user area.

Standard mode:

Panorama/ Wall paper mode:

Ⓐ Pre-stored spectrum analyser
Ⓑ Pre-stored wall papers
Ⓒ User area of "Wall Paper"
Ⓓ Pre-stored panorama images
Ⓔ User area of "Panorama"

Tip

Stored images may not display in order of they were stored.

Setting a panorama image

— Panorama (Panorama/Wall paper mode)

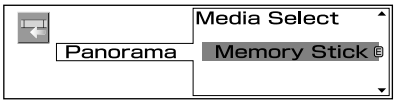
Scrolls a static image in a "Memory Stick" or displays it in tile.
The image data you set will be stored in this unit. To display the pre-stored images in this unit, see "Selecting the display mode and display pattern" on page 13.

1 Insert a "Memory Stick" (page 10).

2 Press (GRAPHIC).

3 Press ← or → repeatedly to select "Panorama."
Each time you press ← or →, the item changes as follows:
Wall Paper ↔ Panorama ↔ Jacket Pic ↔ ClipMotion ↔ Slide Show ↔ Picture Del ↔ Char Setup

4 Press (ENTER).



5 Press (ENTER) again.

6 Press ↑ or ↓ repeatedly to select a location or type of image that you want to set.
Picture Select: If an image you want to set is in the first layer of a "Memory Stick," select this.
Cyber-shot: If you want to set a picture taken by an optional Sony digital still camera Cyber-shot, select this.
(Folder name): When a folder is in a "Memory Stick," the folder name is displayed.

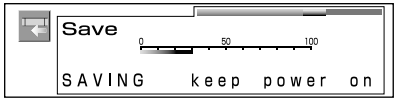
7 Press (ENTER).
Select the folder name in step 6. If there are images in folders of a lower layer, repeat step 6 and 7 to select the folder which contains your desired image.
An image can be set in up to the 5th layer folder in a "Memory Stick."

8 Press ← or → repeatedly to select the image you want to set.

9 Press (ENTER).

Depending on the aspect ratio the selected image, the display type will be set automatically.
1:1 to 1:4 – tile
more than 1:4 – scroll horizontally
below 1:1 – scroll vertically

10 Press (ENTER) again.



11 Press (GRAPHIC).
The display returns to the normal display. Press (SCREEN) to turn to the Panorama/ Wall paper mode. Then the adjusted panorama image is displayed.

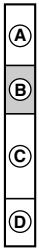
Notes

- *You can set the image format as follows: JPEG: 1,600 × 1,200 dots or less*
- *You can set the display while the unit must be kept on.*
- *You can preview up to 100 images from a folder within a "Memory Stick" at one time.*
- *The following folders in a "Memory Stick" cannot be displayed.*
  – CONTROL
  – DCIM
  – MSSONY
  – VOICE
  – HIFI
- *In step 5 or 7, if there is no image data, "No Picture" is shown in the display.*
- *Depending on the volume of stored data, the storing time differs. Do not turn off the unit while the message in step 10 is displayed. If you turn off the power, the data will not be stored.*
- *If the capacity of the unit is not enough, "MEM FULL – delete data" is displayed and you cannot store the data. After deleting the data (page 39), perform the settings again.*

Tips

- *You can store a maximum of 100 panorama images in the unit.*
- *If "Cyber-shot" is selected in step 6, the folder is selected automatically.*

About the pre/user strage area capacity
The image is stored in the "Panorama" user area.



Ⓐ Pre-stored panorama images
Ⓑ User area of "Panorama"
Ⓒ Pre-stored wall papers
Ⓓ User area of "Wall Paper"

Tip
Stored images may not display in order of they were stored.

Setting a jacket picture

— Jacket Pic (Standard mode)

You can store and set a favourite image for each disc. You can also display this image in the source display area of the Standard mode.
The image data you set will be stored in this unit.

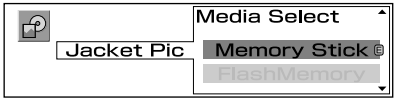
1 Insert a "Memory Stick" (page 10).

2 Start playing the disc for which you want to set a jacket picture.

3 Press (GRAPHIC)**.**

4 Press ← or → repeatedly to select "Jacket Pic."
Each time you press ← or →, the item changes as follows:
Wall Paper ↔ Panorama ↔ Jacket Pic ↔ ClipMotion ↔ Slide Show ↔ Picture Del ↔ Char Setup

5 Press (ENTER)**.**



6 Press ↑ or ↓ to select "Memory Stick."
If you want to change the display type of a previously stored image, select "FlashMemory."

7 Press (ENTER)**.**
If you select "FlashMemory" in step 6, skip to step 10.

8 Press ↑ or ↓ repeatedly to select a location or type of image that you want to set.
Picture Select: If an image you want to set is in the first layer of a "Memory Stick," select this.
Cyber-shot: If you want to set a picture taken by an optional Sony digital still camera Cyber-shot, select this.
(Folder name): When a folder is in a "Memory Stick," the folder name is displayed.

9 Press (ENTER)**.**
Select the folder name in step 8. If there are images in folders of a lower layer, repeat step 8 and 9 to select the folder which contains your desired image.
An image can be set in up to the 5th layer folder in a "Memory Stick."

continue to next page →

10 Press ← or → repeatedly to select the image you want to set.

11 Press ENTER.

12 Press ↑ or ↓ to select "Setup."

13 Press ENTER.

14 Press ↑ or ↓ to select the display type.

You can select one of the following 2 display types.

Normal: displays the image you select in step 10.

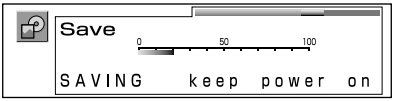
Just: adjusts and displays the selected image according to the display size.

15 Press ENTER.

Example: Just

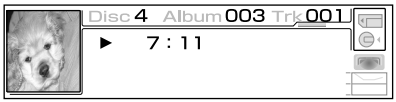
16 Press ↑ or ↓ to select "Save."

17 Press ENTER.



18 Press GRAPHIC.

The display returns to the normal display. Press SCREEN to turn to the Standard mode.



Notes

- *You can set the image format as follows:*
  JPEG: 1,600 × 1,200 dots or less
  BMP, GIF, PNG: 640 × 480 dots or less
- *You can preview up to 100 images from a folder within a "Memory Stick" at one time.*
- *The following folders in a "Memory Stick" cannot be displayed.*
  – CONTROL
  – DCIM
  – MSSONY
  – VOICE
  – HIFI
- *In step 7 or 9, if there is no image data, "No Picture" is shown in the display.*
- *Depending on the volume of stored data, the storing time differs. Do not turn off the unit while the message in step 17 is displayed. If you turn off the power, the data will not be stored.*
- *If the capacity of the unit is not enough, "MEM FULL – delete data" is displayed and you cannot store the data. After deleting the data (page 39), perform the settings again.*

Tips

- *You can store a maximum of 100 jacket pictures in the unit.*
- *If "Cyber-shot" is selected in step 8, the folder is selected automatically.*

Setting a clip motion

— ClipMotion (Standard mode)

You can store your favourite GIF image or GIF animation file for each source and display them in the source display area in the Standard mode. The image data you set will be stored in this unit.

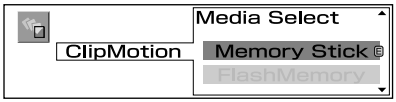
1 Insert a "Memory Stick" (page 10).

2 Select a source (radio, CD, MD, MS, or AUX) that you want to set a clip motion.

3 Press (GRAPHIC).

4 Press ← or → repeatedly to select "ClipMotion."
Each time you press ← or →, the item changes as follows:
Wall Paper ↔ Panorama ↔ Jacket Pic ↔ ClipMotion ↔ Slide Show ↔ Picture Del ↔ Char Setup

5 Press (ENTER).



6 Press ↑ or ↓ to select "Memory Stick."
If you want to change the display type of a previously stored image, select "FlashMemory."

7 Press (ENTER).
If you select "FlashMemory" in step 6, skip to step 8.

8 Press ↑ or ↓ repeatedly to select a location or type of image that you want to set.
Picture Select: If an image you want to set is in the first layer of a "Memory Stick," select this.
Cyber-shot: If you want to set a picture taken by an optional Sony digital still camera Cyber-shot, select this.
(Folder name): When a folder is in a "Memory Stick," the folder name is displayed.

9 Press (ENTER).
Select the folder name in step 8. If there are images in folders of a lower layer, repeat step 8 and 9 to select the folder which contains your desired image.
An image can be set in up to the 5th layer folder in a "Memory Stick."

10 Press ← or → repeatedly to select the image you want to set.

11 Press (ENTER).

12 Press ↑ or ↓ to select "Setup."

13 Press (ENTER).

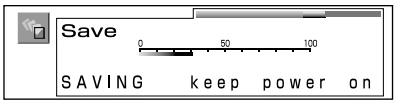
14 Press ↑ or ↓ to select the display type.
You can select one of the following 2 display types.
Normal: displays the image you select in step 10.

Just: adjusts and displays the selected image according to the display size.

15 Press (ENTER).
Example: Just

16 Press ↑ or ↓ to select "Save."

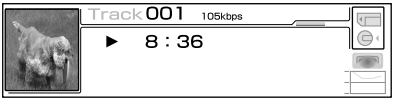
17 Press (ENTER).



continue to next page →

18 Press (GRAPHIC).

The display returns to the normal display. Press (SCREEN) to turn to the Standard mode.



Notes

- *You can set the image format as follows:*
  GIF: 160×120 dots or less
- *Up to 10 frames (or if image size is 84×84 dots or less, up to 20 frames) of GIF animation will be displayed.*
- *If a jacket picture (page 35) is set, the clip motion is not displayed.*
- *You can preview up to 100 images from a folder within a "Memory Stick" at one time.*
- *The following folders in a "Memory Stick" cannot be displayed.*
  – CONTROL
  – DCIM
  – MSSONY
  – VOICE
  – HIFI
- *In step 7 or 9, if there is no image data, "No Picture" is shown in the display.*
- *Depending on the volume of stored data, the storing time differs. Do not turn off the unit while the message in step 17 is displayed. If you turn off the power, the data will not be stored.*
- *If the capacity of the unit is not enough, "MEM FULL – delete data" is displayed and you cannot store the data. After deleting the data (page 39), perform the settings again.*

Tips

- *You can store a maximum of 16 clip motions in the unit.*
- *If "Cyber-shot" is selected in step 8, the folder is selected automatically.*
- *Delete your stored image to display the default source icon.*

Displaying an image as a slide show

— Slide Show (Slide show mode)

Scroll static images in a "Memory Stick" as a slide show. (This data will not be stored.)

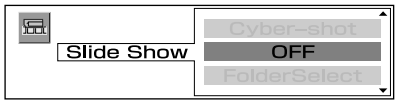
1 Insert a "Memory Stick" (page 10).

2 Press (GRAPHIC).

3 Press ← or → repeatedly to select "Slide Show."

Each time you press ← or →, the item changes as follows:
Wall Paper ↔ Panorama ↔ Jacket Pic ↔ ClipMotion ↔ Slide Show ↔ Picture Del ↔ Char Setup

4 Press (ENTER).



5 Press ↑ or ↓ repeatedly to select a folder for images that you want to set.

FolderSelect: Selects the folder that contains the image you want to set.
Cyber-shot: If you want to set a picture taken by an optional Sony digital still camera Cyber-shot, select this.
OFF: Turns Slide show mode OFF.

6 Press (ENTER).

Select "FolderSelect" in step 5. If there are images in folders of a lower layer, repeat step 5 and 6 to select the folder which contains your desired image.
An image can be set in up to the 5th layer folder in a "Memory Stick."

7 Press (GRAPHIC).

The display enters the Slide show mode, then slide show starts.

Notes

- *You can set the image format as follows:*
  JPEG: 1,600×1,200 dots or less
  BMP, GIF, PNG: 640×480 dots or less
- *You can set the display while playing back or receiving a source only.*
- *You can select up to 100 images for each folder.*
- *The following folders in a "Memory Stick" cannot be displayed.*
  – CONTROL
  – DCIM
  – MSSONY
  – VOICE
  – HIFI
- *In step 6, if there is no image data, "No Picture" is shown in the display.*
- *If you take out a "Memory Stick" after setting is complete, display turns to the Clock mode.*

Deleting the picture data

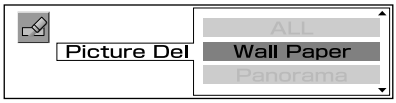
— Picture Del

The unit cannot store an image(s) whose capacity is more than 2 MB.

1 Press (GRAPHIC).

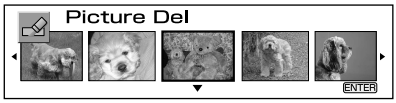
2 Press ← or → repeatedly to select "Picture Del."
Each time you press ← or →, the item changes as follows:
Wall Paper ↔ Panorama ↔ Jacket Pic ↔ ClipMotion ↔ Slide Show ↔ Picture Del ↔ Char Setup

3 Press (ENTER).

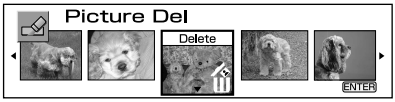


4 Press ↑ or ↓ repeatedly to select the mode in which an image you want to delete is located.
If you delete all the stored image data, select "ALL" and skip to step 7.

5 Press (ENTER).



6 Press ← or → repeatedly to select an image you want to delete and press ↓.

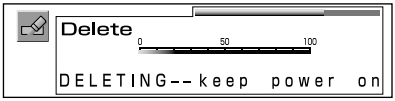


The recycle bin appears at the lower side of the selected image by pressing ↓.
To stop deleting the selected image, press ← or → repeatedly to select your desired image, then press ↑.
To delete more than one image, repeat the procedure in step 6.

7 Press (ENTER).

8 Press ↑ or ↓ to select "YES."
To cancel, select "NO."

9 Press (ENTER).



After deleting is completed, the display returns to the graphic top menu display.

10 Press (GRAPHIC).
The display returns to the normal display.

Notes

- *You cannot delete the pre-stored images in this unit.*
- *You can delete the image data while the unit must be kept on.*
- *Make sure that you cannot restore an image once you have deleted it.*
- *Depending on the volume of deleted data, the deleting time differs. Do not turn off the unit while the message in step 9 is displayed. If you turn off the power, the data will not be deleted completely.*
- *If any button is pressed while deleting an image, the delete is cancelled and data will not be deleted completely.*

Tip

You can store up to the following number of images:
Wall Paper: maximum 100
Panorama: maximum 100
Jacket Pic: maximum 100
ClipMotion: maximum 16

Setting the display characters

— Char Setup (Spectrum analyser/Panorama/ Wall paper/Screen saver/Slide show mode)

You can adjust the visibility of the display by changing the translucence ratio of the display characters.

Making display characters disappear automatically (Auto Clear)

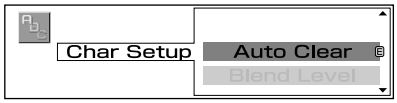
You can make display characters disappear for a moment in Spectrum analyser/Panorama/Wall paper/Screen saver/Slide show mode. When set to ON, you can display the display characters only when the disc, album, or track is changed or the source or display mode is changed. You can enjoy full images.

1 Playback or receive the source (radio, CD, MS, MD, or AUX).

2 Press (GRAPHIC)**.**

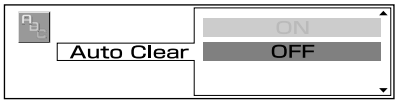
3 Press ← or → repeatedly to select "Char Setup."
Each time you press ← or →, the item changes as follows:
Wall Paper ↔ Panorama ↔ Jacket Pic ↔ ClipMotion ↔ Slide Show ↔ Picture Del ↔ Char Setup

4 Press (ENTER)**.**



5 Press ↑ or ↓ to select "Auto Clear."

6 Press (ENTER)**.**



7 Press ↑ or ↓ to select "ON."

8 Press (ENTER)**.**

9 Press (GRAPHIC)**.**
The display returns to the normal display.

Note
In Standard/Clock mode, you cannot make the display characters disappear automatically.

Changing the translucence ratio of the characters (Blend Level)

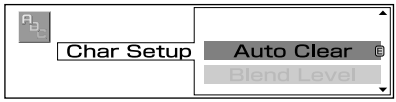
You can set the translucence ratio (colour density) of the characters in the Spectrum analyser/Panorama/Wall paper/Screen saver/ Slide show mode.
By setting this level down, you can adjust the characters in the display to appear opaque.

1 Playback or receive the source (radio, CD, MS, MD, or AUX).

2 Press (GRAPHIC)**.**

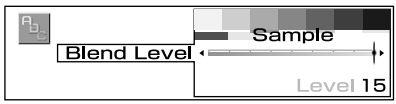
3 Press ← or → repeatedly to select "Char Setup."
Each time you press ← or →, the item changes as follows:
Wall Paper ↔ Panorama ↔ Jacket Pic ↔ ClipMotion ↔ Slide Show ↔ Picture Del ↔ Char Setup

4 Press (ENTER)**.**



5 Press ↑ or ↓ to select "Blend Level."

6 Press (ENTER)**.**



7 Press ← or → to select the permeation ratio (Level 0-15).
The lower the level, the paler the display characters.

8 Press (ENTER)**.**

9 Press (GRAPHIC)**.**
The display returns to the normal display.

Notes
- *In Standard/Clock mode, you cannot change the translucence ratio of the display characters.*
- *Set "Auto Clear" to "ON" (page 40), the translucence ratio of the display characters does not change.*

Other Functions

Adjusting the sound characteristics

You can adjust the bass, treble, balance, fader, and subwoofer volume.

1 Press (SOURCE) to select a source (radio, CD, MD, MS, or AUX).

2 Press (SOUND).

3 Press ← or → repeatedly to select the item you want to adjust.
Each time you press ← or →, the item changes as follows:
DSO ↔ EQ7 ↔ Bass ↔ Treble ↔ Balance (left-right) ↔ Fader (front-rear) ↔ SubWoofer (subwoofer volume)

4 Press (ENTER).

5 Adjust the selected item by pressing ← or →.

6 Press (ENTER).

Quickly attenuating the sound

Press (ATT).
"ATT" appears in the display for a while.

To restore the previous volume level, press (ATT) again.

Tip
When the interface cable of a car telephone is connected to the ATT lead, the unit decreases the volume automatically when a telephone call comes in (Telephone ATT function).

Changing the sound and display settings

— Menu

The following items can be set:

Setup
- Clock (page 18)
- CT (Clock Time) (page 31)
- Beep — to turn the beeps on or off.
- AUX Skip*1 (page 46) — to turn the AUX source display on or off.
- MS Auto (page 20)

Display
- Dimmer — to change the brightness of the display.
  – Select "AUTO" to dim the display only when you turn the lights on.
  – Select "ON" to dim the display.
  – Select "OFF" to deactivate the Dimmer.
- Contrast — to adjust the contrast if the indications on the display are not recognizable because of the unit's installation position.
- AutoScroll*2
  – Select "ON" to scroll all automatically displayed names.
  – When "AutoScroll" is set to "OFF" and the disc/track name is changed, the disc/track name does not scroll.

PlayMode
- Local (Local seek mode) (page 25)
  – Select "ON" to only tune into stations with stronger signals.
- Mono (Monaural mode) (page 25)
  – Select "ON" to hear FM stereo broadcast in monaural. Select "OFF" to return to normal mode.
- Regional (page 28)

continue to next page →

SoundTuning

- EQ7 Tune (page 43) — to adjust the equaliser curve.
- HPF (High pass filter) (page 44)
- LPF (Low pass filter) (page 45)
- Loudness — to enjoy bass and treble even at low volumes. The bass and treble will be reinforced.
- AUX Level*3 (page 45) — to adjust the volume level of connected auxiliary equipment.

*1 *Displayed only when the clock is displayed by pressing (OFF).*
*2 *Displayed only when CD, MS, or MD are playing back.*
*3 *Displayed only when the source is AUX.*

Note

Only when an optional CD/MD unit is not connected, "AUX Skip" and "AUX Level" are displayed.

1 Press (MENU).
To set "AutoScroll," press (MENU) during CD/MD/MS playback.

2 Press ← or → repeatedly to select the desired item.

3 Press (ENTER).

4 Press ↑ or ↓ repeatedly to select your desired items to be adjusted.

5 Press (ENTER).

6 Press ↑ or ↓ repeatedly to select the desired setting (Example: "ON" or "OFF").

7 Press (ENTER).
The display returns to the top menu display.

8 Press (MENU).
The display returns to the normal display.

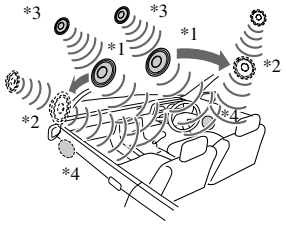
Note

The displayed item will differ depending on the source.

Setting the Dynamic Soundstage Organiser (DSO)

If your speakers are installed into the lower part of the doors, the sound will come from below and may not be clear.
The DSO (Dynamic Soundstage Organiser) function creates a more ambient sound as if there were speakers above the dashboard (virtual speakers).
You can store the DSO setting for each source.

DSO mode and image of virtual speakers



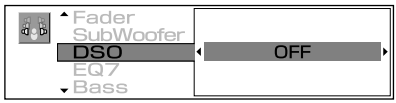
*1 *DSO 1*
*2 *DSO 2*
*3 *DSO 3*
*4 *DSO OFF*

1 Press (SOURCE) to select a source (radio, CD, MD, MS, or AUX).

2 Press (SOUND).

3 Press ← or → repeatedly to select "DSO."

4 Press (ENTER).



5 Press ← or → repeatedly to select the DSO mode (DSO 1-3).
To cancel the DSO function, select "OFF."

6 Press (ENTER).

Notes

- *Depending on the type of car interior or type of music, DSO may not have a desirable affect.*
- *If FM broadcasts are difficult to hear, set "DSO" to "OFF."*

Tip

The sound effect of the DSO mode increases as the number increases.

Setting the equaliser (EQ7)

You can select an equaliser curve for 7 music types (Xplod, Vocal, Club, Jazz, New Age, Rock, and Custom).
You can adjust a different equaliser setting for each source.

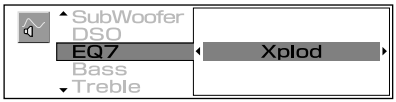
Selecting the equaliser curve

1 Press (SOURCE) to select a source (radio, CD, MD, MS, or AUX).

2 Press (SOUND).

3 Press ← or → repeatedly to select "EQ7."

4 Press (ENTER).



5 Press ← or → repeatedly to select the Equaliser mode.
To cancel the equalising effect, select "OFF."

6 Press (ENTER).

Note
While DSO is active, equaliser settings are automatically adjusted for best overall effect.

Adjusting the equaliser curve

You can store and adjust the equaliser settings for frequency and level.

1 Press (SOURCE) to select a source (radio, CD, MD, MS, or AUX).

2 Press (MENU).

3 Press ← or → repeatedly to select "SoundTuning."

4 Press (ENTER).

5 Press ↑ or ↓ repeatedly to select "EQ7 Tune."

6 Press (ENTER).
Example: EQ7 Tune "Xplod"

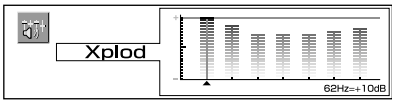
7 Press ↑ or ↓ repeatedly to select the desired equaliser curve.

8 Press (ENTER).

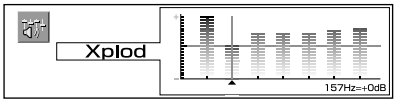
9 Select the desired frequency and level.

❶ Press ← or → repeatedly to select the desired frequency.
Each time you press ← or →, the frequency changes.

62 Hz ↔ 157 Hz ↔ 396 Hz ↔ 1000 Hz ↔ 2510 Hz ↔ 6340 Hz ↔ 16000 Hz



❷ Press ↑ or ↓ repeatedly to adjust the desired level.
The level is adjustable by 1 dB steps from –10 dB to +10 dB.



To restore the factory-set equaliser curve, press (ENTER) for 2 seconds.

❸ Repeat steps ❶ and ❷ to adjust the equaliser curve.

10 Press (ENTER).
After the effect setting is completed, the display returns to the normal display.

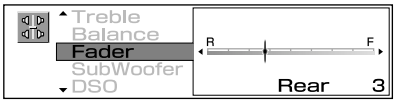
Adjusting the front and rear volume

1 **Press (SOURCE) to select a source (radio, CD, MD, MS, or AUX).**

2 **Press (SOUND).**

3 **Press ← or → repeatedly to select "Fader."**

4 **Press (ENTER).**

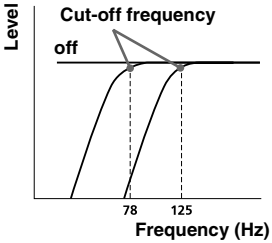


5 **Press ← or → repeatedly to adjust the volume of front/rear speakers.**

6 **Press (ENTER).**
The display returns to the normal display.

Adjusting the cut-off frequency for the front/rear speakers

To match the characteristics of the installed speaker system, you can select the cut-off frequency of the speakers.



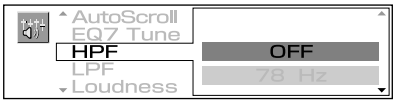
1 **During playback or radio reception, press (MENU).**

2 **Press ← or → repeatedly to select "SoundTuning."**

3 **Press (ENTER).**

4 **Press ↑ or ↓ repeatedly to select "HPF."**

5 **Press (ENTER).**



6 **Press ↑ or ↓ repeatedly to select the cut-off frequency.**
Each time you press ↑ or ↓, the frequency changes as follows:

OFF (default setting) ↔ **78 Hz** ↔ **125 Hz**

7 **Press (MENU).**
After the frequency setting is complete, the display returns to the normal display.

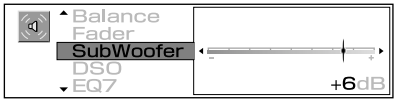
Adjusting the volume of the subwoofer(s)

1 **Press (SOURCE) to select a source (radio, CD, MD, MS, or AUX).**

2 **Press (SOUND).**

3 **Press ← or → repeatedly to select "SubWoofer."**

4 **Press (ENTER).**



5 **Press ← or → repeatedly to adjust the volume.**

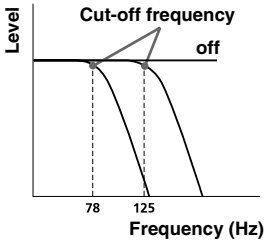
6 **Press (ENTER).**
The display returns to the normal display.

Tip

The volume level is adjustable from –10 dB to +10 dB. (Below –10 dB, "– ∞ dB" is displayed.)

Adjusting the cut-off frequency for the subwoofer(s)

To match the characteristics of the connected subwoofer(s), you can cut out the unwanted high and middle frequency signals entering the subwoofer(s). By setting the cut-off frequency (see the diagram below), the subwoofer(s) will output only low frequency signals for a clearer sound.



1 During playback or radio reception, press (MENU).

2 Press ← or → repeatedly to select "SoundTuning."

3 Press (ENTER).

4 Press ↑ or ↓ repeatedly to select "LPF."

5 Press (ENTER).

6 Press ↑ or ↓ repeatedly to select the cut-off frequency.
Each time you press ↑ or ↓, the frequency changes as follows:

OFF (default setting) ⟷ **125 Hz** ⟷ **78 Hz**

7 Press (MENU).
After the frequency setting is complete, the display returns to the normal display.

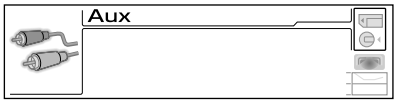
Connecting auxiliary audio equipment

The unit's AUX IN (external audio input) terminal on this unit is also used as the BUS AUDIO IN (audio input) terminal.
You can listen to the sound from your car speakers by connecting optional Sony portable devices.

Note
If you connect an optional Sony CD/MD unit, you cannot connect any portable devices and cannot select "AUX."

Selecting auxiliary equipment

Press (SOURCE) repeatedly to select "AUX."



Adjusting the volume level

You can adjust the volume for each connected audio equipment.

1 Press (MENU).

2 Press ← or → repeatedly to select "SoundTuning."

3 Press (ENTER).

4 Press ↑ or ↓ repeatedly to select "AUX Level."

5 Press (ENTER).

6 Press ← or → repeatedly to adjust the volume level.
The volume level is adjustable in 1 dB steps from –6 dB to +6 dB.

7 Press (ENTER).
The display returns to the top menu display.

8 Press (MENU).
The display returns to the normal display.

continue to next page →

To deactivate auxiliary equipment in the music source display

1 Press (OFF).
CD/MS/MD playback or radio reception stops (the key illumination and display remain on).

2 Press (MENU).

3 Press ← or → repeatedly to select "Setup."

4 Press (ENTER).

5 Press ↑ or ↓ repeatedly to select "AUX Skip."

6 Press (ENTER).

7 Press ↓ to select "ON."

8 Press (MENU).

To restore the indication, select "AUX Skip OFF."

Setting the security code

This unit has a security function to discourage theft. Input a four-digit number as your security code.
If you set it, you need to input the stored code to turn on the unit should you re-install the unit in another car or after changing the battery.

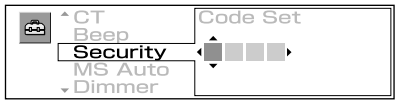
1 Press (MENU).

2 Press ← or → repeatedly to select "Setup."

3 Press (ENTER).

4 Press ↑ or ↓ repeatedly to select "Security."

5 Press (ENTER).
Code Set display is displayed.



❶ Press ↑ or ↓ repeatedly to enter the first digit (0-9).

❷ Press → to move the cursor to the 2nd digit, then press ↑ or ↓ repeatedly to enter the 2nd digit. Each time you press ↑, a digit goes up and each time you press ↓, a digit falls.

❸ Repeat step ❷ to enter the 3rd digit and the 4th digit.

6 Press (ENTER).
Check Code display appears.

7 Press ↑ or ↓ repeatedly to select "YES."

8 Press (ENTER).
The display returns to the normal display.

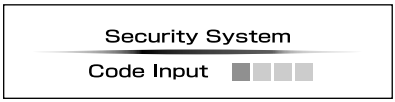
Notes

- *The security code cannot be entered by the number buttons (1-6).*
- *Make sure not to forget your security code.*
- *If you select "NO" in step 7 and press (ENTER), the display returns to the Code Set display in step 5.*

After the security code setup is completed

Should you re-install the unit in another car or change the battery, the Check Code display appears after turning on the unit. Enter your stored 4-digit code with the cursor buttons (↑/↓/→), and press ENTER.

Code Input display

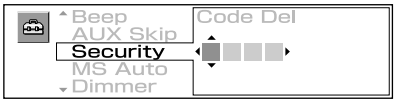


OK: returns to the calendar/clock display.
NG: "CODE ERROR" message appears. Input the correct code using the cursor buttons.

Cancelling the security code

Repeat step 1 to 4 in "Setting the security code" (Code Del display appears). Enter your stored code with the cursor buttons (↑/↓/→), and press ENTER.

Code Del display



OK: returns to a normal display.
NG: the "CODE ERROR" message appears. Input the correct code using the cursor buttons.

Note

You cannot change the security code unless you delete your stored code.

Tip

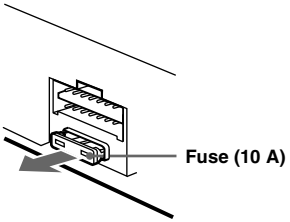
If the security code is not stored, the Code Del display does not appear.

Additional Information

Maintenance

Fuse replacement

When replacing the fuse, be sure to use one matching the amperage rating stated on the original fuse. If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after replacement, there may be an internal malfunction. In such a case, consult your nearest Sony dealer.



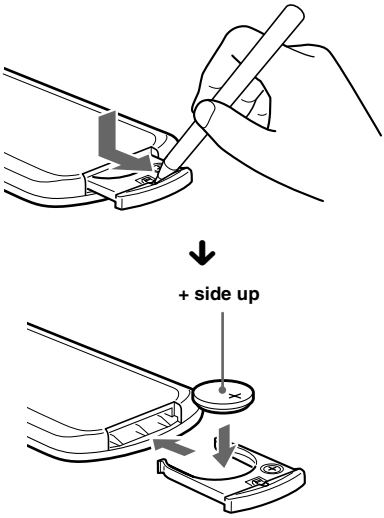
Warning

Never use a fuse with an amperage rating exceeding the one supplied with the unit as this could damage the unit.

continue to next page →

Replacing the lithium battery

Under normal conditions, batteries will last approximately 1 year. (The service life may be shorter, depending on the conditions of use.) When the battery becomes weak, the range of the card remote commander becomes shorter. Replace the battery with a new CR2025 lithium battery. Use of any other battery may present a risk of fire or explosion.



Notes on lithium battery

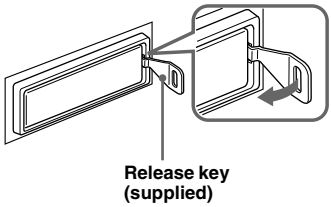
- Keep the lithium battery out of the reach of children. Should the battery be swallowed, immediately consult a doctor.
- Wipe the battery with a dry cloth to assure a good contact.
- Be sure to observe the correct polarity when installing the battery.
- Do not hold the battery with metallic tweezers, otherwise a short-circuit may occur.

WARNING
Battery may explode if mistreated.
Do not recharge, disassemble, or dispose of in fire.

Removing the unit

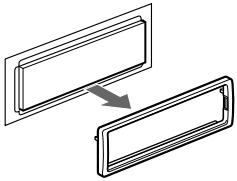
1 Remove the front cover

❶Press the clip inside the front cover with the release key (supplied), and pry the front cover free.



Note
To protect the surface of the unit, insert thin cloth between the release key and the unit when inserting the release key.

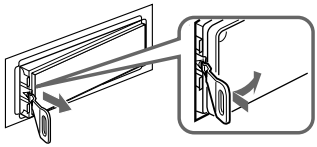
❷Repeat step ❶ on the left side.



The front cover is removed.

2 Remove the unit

❶Use the release key to push in the clip on the left side of the unit, then pull out the left side of the unit until the catch clears the mounting.



❷Repeat step ❶ on the right side.

❸Slide the unit out of the mounting.

Note
Be sure to close the front panel before removing the unit. Doing so with the front panel open may cause injury to your fingers.

Precautions

- If your car was parked in direct sunlight, allow the unit to cool off before operating it.
- Power antennas will extend automatically while the unit is operating.
- Do not use the CUSTOM FILE feature while driving, or perform any other function which could divert your attention from the road.
- Do not drop water or foreign objects on the disc tray as a fire or malfunction can occur.

If you have any questions or problems concerning your unit that are not covered in this manual, please consult your nearest Sony dealer.

Moisture condensation

On a rainy day or in a very damp area, moisture condensation may occur inside the lenses and display of the unit. Should this occur, the unit will not operate properly. In such a case, remove the disc and wait for about an hour until the moisture has evaporated.

To maintain high sound quality

Be careful not to splash juice or other soft drinks onto the unit or discs.

Notes on CD lens

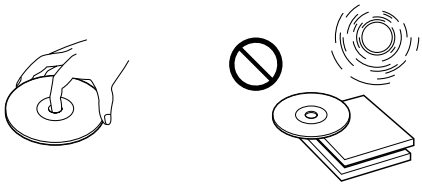
- Do not touch the lens in the disc tray.
- Do not use a commercially available lens cleaner.

Notes on LCD display

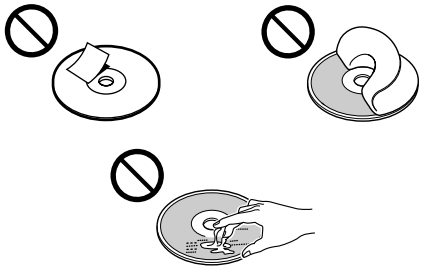
- Do not push the LCD display strongly. It may cause injury or damage the display.
- Bright points of light (red, blue, or green) or black dots may appear on the LCD display. This is not a malfunction. The LCD is made with high-precision technology and more than 99.99 % of the picture element is intact. However, tiny elements of the picture may show the above symptoms.

Notes on discs

- To keep discs clean, do not touch the surface. Handle a disc by its edge.
- Keep your discs in their cases or disc magazines when not in use.
  Do not subject the discs to heat/high temperature. Avoid leaving them in parked cars or on dashboards/rear trays.



- Do not attach labels, or use discs with sticky ink/residue. Such discs may stop spinning when used, causing a malfunction, or may ruin the disc.



- Do not use any discs with labels or stickers attached as this may cause inability to read audio data correctly (e.g., playback skipping, or no playback) due to heat shrinking of a sticker or label causing a disc to warp.
- Discs with non-standard shapes (e.g., heart, square, star) cannot be played on this unit. Attempting to do so may damage the unit. Do not use such discs.
- Before playing, clean discs with a commercially available cleaning cloth. Wipe each disc from the centre out. Do not use solvents such as benzine, thinner, commercially available cleaners, or antistatic spray intended for analog discs.

continue to next page →

Notes on CD-Rs (recordable CDs)/CD-RWs (rewritable CDs)

This unit can play the following discs:

Type of discs	Label on the disc
Audio CD	
MP3 files	COMPACT disc DIGITAL AUDIO Recordable COMPACT disc DIGITAL AUDIO ReWritable COMPACT disc Recordable COMPACT disc ReWritable

- Some CD-Rs/CD-RWs (depending on the equipment used for its recording or the condition of the disc) may not play on this unit.
- You cannot play a CD-R/CD-RW that is not finalized*.
- You can play MP3 files recorded on CD-ROMs, CD-Rs, and CD-RWs.
- A CD-R/CD-RW to which a session can be added can be played.

* *A process necessary for a recorded CD-R/CD-RW disc to be played on the audio CD player.*

About MP3 files

MP3 (MPEG 1 Audio Layer-3) is a standard technology and format for compressing a sound sequence. The file is compressed to about 1/10 of its original size. Sounds outside the range of human hearing are compressed while the sounds we can hear are not compressed.

Notes on discs

You can play MP3 files recorded on CD-ROMs, CD-Rs, and CD-RWs.
The disc must be in the ISO 9660*1 level 1 or level 2 format, or Joliet or Romeo in the expansion format.
You can use a disc recorded in Multi Session*2.

*1 **ISO 9660 Format**
The most common international standard for the logical format of files and folders on a CD-ROM.
There are several specification levels. In Level 1, file names must be in the 8.3 format (no more than 8 characters in the name, no more than 3 characters in the extension ".MP3") and in capital letters. Folder names can be no longer than 8 characters. There can be no more than 8 nested folder levels. Level 2 specifications allow file names up to 31 characters long.
Each folder can have up to 8 trees.
For Joliet or Romeo in the expansion format, make sure of the contents of the writing software, etc.

*2 **Multi Session**
This is a recording method that enables adding of data using the Track-At-Once method. Conventional CDs begin at a CD control area called the Lead-in and end at an area called Lead-out. A Multi Session CD is a CD having multiple sessions, with each segment from Lead-in to Lead-out regarded as a single session.
CD-Extra: The format which records audio (audio CD data) as tracks on session 1, and records data as tracks on session 2.
Mixed CD: In this format, data is recorded as track 1, and audio (audio CD data) is recorded as track 2.

Notes

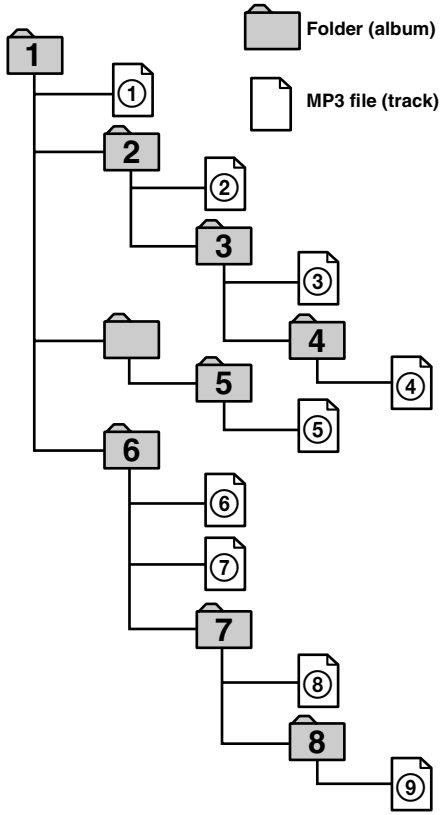
- *With formats other than ISO 9660 level 1 and level 2, folder names or file names may not be displayed correctly.*
- *When naming, be sure to add the file extension ".MP3" to the file name.*
- *If you put the extension ".MP3" to a file other than MP3, the unit cannot recognize the file properly and will generate random noise that could damage your speakers.*
- *The following discs take a longer time to start playback.*
  –a disc recorded with complicated tree structure.
  –a disc recorded in Multi Session.
  –a disc to which data can be added.

Cautions when playing a disc that is recorded in Multi Session

- *When the first track of the first session is audio CD data:*
  Only audio CD data is played back.
  Non-audio CD data/MP3 file information (track number, time, etc.) is displayed with no sound.
- *When the first track of the first session is not audio CD data:*
  –If an MP3 file is in the disc, only MP3 file(s) play back and other data is skipped. (Audio CD data is not recognized.)
  –If no MP3 file is in the disc, "NO Music" is displayed and nothing is played back. (Audio CD data is not recognized.)

The playback order of the MP3 files

The playback order of the folders and files is as follows:



Notes

- *A folder that does not include an MP3 file is skipped.*
- *Maximum folder number: 255 (including root folder and empty folders)*
- *The maximum number of MP3 files and folders that can be contained in a disc: 512*
  When a file/folder name contains many characters, this number may become less than 512.
- *The maximum number of trees which can be played is 8.*

Tip

To specify a desired playback order, before the folder or file name, input the order by number (e.g., "01," "02"), then record contents onto a disc. (The order differs depending on the writing software.)

On “Memory Stick”

What is a “Memory Stick”?

“Memory Stick” is a compact, portable and versatile Integrated Circuit recording medium with a data capacity that exceeds a floppy disk. “Memory Stick” is specially designed for exchanging and sharing digital data among “Memory Stick” compatible products. Because it is removable, the “Memory Stick” can also be used for external data storage.

Types of “Memory Stick”

There are two types of “Memory Stick.”
“MagicGate Memory Stick (White)”
– is equipped with “MagicGate” copyright protection technology.
– MS Auto play is possible.
– You can also access the image data.
“Memory Stick (Blue)”
– “Memory Stick” that is not equipped with “MagicGate” copyright protection technology.
– MS Auto play is not possible.
– You can access only the image data.

When you purchase a “Memory Stick” note the following:
– For recording music data for MagicGate compatible devices, be sure to ask for a “MagicGate Memory Stick” which is distinguished by the “MG Memory Stick” logo (number 1 below).
– For recording other data, ask for a general “Memory Stick” which is distinguished by the “Memory Stick” logo (number 2 below).

1 2

Note

The Memory capacity of an “MG Memory stick” and a “Memory Stick” supported by this product is as follows;

MG Memory stick: maximum. 128MB
Memory stick: maximum. 128MB

What is “MagicGate”?

“MagicGate” is a copyright protection technology for “MagicGate Memory Stick” and compliant products, such as Network Walkman. Authentication ensures that protected content is transferred only between compliant devices and “MagicGate Memory Stick,” and that protected content is recorded and transferred in an encrypted format to prevent unauthorized copying or playback.

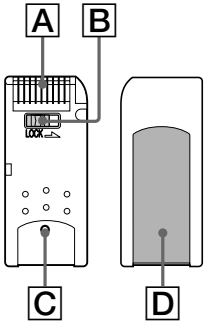
Notes on use

To avoid damaging data, do not
– release the “Memory Stick” during reading or writing of data.
– use the “Memory Stick” in a location subject to static electricity or electric noise.

On formatting the “Memory Stick”

The “Memory Stick” is shipped with a FAT format as the standard format.
When formatting the “Memory Stick,” do not use the format function on the Windows Explorer.

On handling the “Memory Stick”



- When the “Memory Stick” erasure prevention switch is set to “LOCK,” data cannot be recorded, erased or edited.(B)
- The tactile protrusion on the rear surface of “MagicGate Memory Stick” distinguishes it from a general “Memory Stick.”(C)
- Do not attach any other material than the supplied label on the label space.(D)
- Attach the label so that it does not stick out from the proper attachment location.
- Do not touch the “Memory Stick” connector with your finger or metallic objects.(A)
- Do not bend, drop or apply strong shock to the “Memory Stick.”
- Do not disassemble or modify the “Memory Stick.”
- Do not allow the “Memory Stick” to get wet.
- Do not use or store the “Memory Stick” in a location that is subject to:
  – Extremely high temperature, such as in a car parked in the sun
  – Direct sunlight
  – High humidity or places with corrosive substances
- To prolong the life of the “Memory Stick,” use the supplied storage case.

On cleaning

Clean the player casing with a soft cloth slightly moistened with water or a mild detergent solution. Do not use any type of abrasive pad, scouring powder or solvent such as alcohol or benzene as it may mar the finish of the casing.

Specifications

CD Player section

Signal-to-noise ratio	95 dB
Frequency response	10 – 20,000 Hz
Wow and flutter	Below measurable limit

MS section

Signal-to-noise ratio	90 dB
Frequency response	10 – 20,000 Hz

Tuner section

FM

Tuning range	87.5 – 108 MHz
Aerial terminal	External aerial connector
Intermediate frequency	10.7 MHz/450 kHz
Usable sensitivity	8 dBf
Selectivity	75 dB at 400 kHz
Signal-to-noise ratio	66 dB (stereo), 72 dB (mono)
Harmonic distortion at 1 kHz	0.6 % (stereo), 0.3 % (mono)
Separation	35 dB at 1 kHz
Frequency response	30 – 15,000 Hz

MW/LW

Tuning range	MW: 531 – 1,602 kHz LW: 153 – 279 kHz
Aerial terminal	External aerial connector
Intermediate frequency	10.7 MHz/450 kHz
Sensitivity	MW: 30 µV LW: 40 µV

General

Outputs	Audio outputs (front/rear) Subwoofer output (mono) Power aerial relay control terminal Power amplifier control terminal
Inputs	Telephone ATT control terminal Illumination control terminal BUS control input terminal BUS audio input/AUX IN terminal Aerial input terminal
Tone controls	Bass ±8 dB at 100 Hz Treble ±8 dB at 10 kHz
Loudness	+8 dB at 100 Hz +2 dB at 10 kHz
Power requirements	12 V DC car battery (negative earth)
Dimensions	Approx. 178 × 50 × 178 mm (w/h/d)
Mounting dimensions	Approx. 182 × 53 × 157 mm (w/h/d)
Mass	Approx. 1.7 kg
Supplied accessories	Card remote commander RM-X132 (1) Parts for installation and connections (1 set) Front panel cover (1)
Optional accessories	Wireless rotary commander RM-X6S BUS cable (supplied with an RCA pin cord) RC-61 (1 m), RC-62 (2 m)
Optional equipment	CD changer (10 discs) CDX-757MX, CDX-656X CD changer (6 discs) CDX-T70MX, CDX-T69X MD changer (6 discs) MDX-66XLP Source selector XA-C30

US and foreign patents licensed from Dolby Laboratories.

Note

This unit cannot be connected to a digital preamplifier or an equaliser.

Design and specifications are subject to change without notice.

Troubleshooting

The following checklist will help you remedy problems you may encounter with your unit. Before going through the checklist below, check the connection and operating procedures.

General

The operation buttons do not function.

Press the reset button.

No sound.

- Press up the VOL control lever to adjust the volume.
- Cancel the ATT function.
- Set the fader control to the centre position for a 2-speaker system.

The contents of the memory have been erased.

- The reset button has been pressed.
  →Store again into the memory.
- The power cord or battery has been disconnected.
- The power connecting cord is not connected properly.

No beep sound.

The beep sound is cancelled (page 41).

Indications disappear from/do not appear in the display.

The clock display disappears if you press (OFF) for 2 seconds.
→Press (OFF) again for 2 seconds to display the clock.

Stored stations and correct time are erased.
The fuse has blown.
Makes noise when the ignition key is in the ON, ACC, or OFF position.

The leads are not matched correctly with the car's accessory power connector.

No power is being supplied to the unit.

- Check the connection. If everything is in order, check the fuse.
- The car does not have an ACC position.
  →Press (SOURCE) to turn on the unit.

The power is continuously supplied to the unit.

The car does not have an ACC position.
→Press (OFF) for 2 seconds.

The power aerial does not extend.

The power aerial does not have a relay box.

CD/MD playback

Playback does not begin.

- Defective MD or dirty CD.
- Some CD-Rs/CD-RWs may not play due to its recording equipment or the disc condition.

MP3 files cannot be played back.

- Recording was not performed according to the ISO 9660 level 1 or level 2 format, or the Joliet or Romeo in the expansion format.
- The file extension ".MP3" is not added to the file name.
- Files are not stored in MP3 format.

Album name/track name/ID3 tag is not displayed correctly.

- A disc is not compliant with ISO 9660 level 1.
  →Use a compliant disc.
- The unit can only display the letter codes, such as ASCII, half sized European letters (ASCII only for Joliet), and Shift-JIS. Letter codes other than the above will not display correctly.

MP3 files take longer to play back than others.

The following discs take a longer time to start playback.
–a disc recorded with complicated tree structure.
–a disc recorded in Multi Session.
–a disc to which data can be added.

The sound skips from vibration.

- The unit is installed at an angle of more than 30°.
- The unit is not installed in a sturdy part of the car.

The sound skips.

- Defective or dirty disc.
- The CD-R/CD-RW has been damaged.

If you close the disc tray or reset the setting, the unit will make some noise.

This is just the noise of the unit checking a disc, this is not a malfunction.

continue to next page →

Radio reception

Preset tuning is not possible.

- Store the correct frequency in the memory.
- The broadcast signal is too weak.

The stations cannot be received.
The sound is hampered by noises.

- Connect a power aerial control lead (blue) or accessory power supply lead (red) to the power supply lead of a car's aerial booster. (Only if your car has a built-in FM/MW/LW aerial in the rear/side glass.)
- Check the connection of the car aerial.
- The auto aerial will not go up.
  →Check the connection of the power aerial control lead.
- Check the frequency.
- When the DSO mode is on, the sound is sometimes hampered by noises.
  →Set the DSO mode to "OFF" (page 42).

Automatic tuning is not possible.

- The local seek mode is set to "ON."
  →Set the local seek mode to "OFF" (page 41).
- The broadcast signal is too weak.
  →Perform manual tuning.

The "STEREO" indication flashes.

- Tune in the frequency accurately.
- The broadcast signal is too weak.
  →Set to the monaural reception mode (page 41).

A programme broadcast in stereo is heard in monaural.

The unit is in monaural reception mode.
→Cancel monaural reception mode (page 41).

RDS

Seek starts after a few seconds of listening.

The station is non-TP or has weak signal.
→Press (AF) or (TA) repeatedly until "[AF]" or "[TA]" disappears.

No traffic announcements.

- Activate TA function.
- The station does not broadcast any traffic announcements despite being TP.
  →Tune in another station.

PTY displays "--------."

- The current station is not an RDS station.
- RDS data has not been received.
- The station does not specify the programme type.

Error displays/Messages

Error displays

(For this unit and optional CD/MD changers)
The following indications will flash for about 5 seconds, and an alarm sound will be heard.

Blank[*1]

No tracks have been recorded on an MD.[*2]
→Play an MD with recorded tracks on it.

Cannot Play

- The unit cannot playback certain files due to a difference in format.
- Try to playback audio data with data limits that are not compatible with the unit.
  →You can erase data from the "Memory Stick" using a device that is compatible with "Memory Stick."

Error[*1]

- A CD is dirty or inserted upside down.[*2]
  →Clean or insert the CD correctly.
- A CD/MD cannot play because of some problem.[*2]
  →Insert another CD/MD.

Expired

- Try to playback audio data with expired data limits.
- Try to playback audio data with data limits, but the clock has not been set.
  →You must set the date in the menu.

File Error

- Cannot read the data.
- The data is damaged or corrupted.
  →Check-in data to your computer, then reformat the "Memory Stick" using other device that is compatible with "Memory Stick."

High Temp

The ambient temperature is more than 50°C.
→Wait until the temperature goes down below 50°C.

Locked

The "Memory Stick" erasure prevention switch is set to "LOCK."
→Set the "Memory Stick" erasure prevention switch to off.

Memory Stick Error

- Cannot access a "Memory Stick."
- Something is wrong with the "Memory Stick."
- A "Memory Stick" that cannot be played on this unit is inserted.
- A "Memory Stick" that is not compatible with this unit is inserted.

→Remove and reinsert a "Memory Stick." Should the problem persist, check-in data to your computer, then reformat the "Memory Stick" using other device that is compatible with "Memory Stick." Should the problem still persist, take both this unit and "Memory Stick" to the nearest Sony dealer.

MG Error

- The "Memory Stick" is recognized as unauthorized for copyright protection.
- An authorized distribution file is detected for copyright protection.

→Remove and reinsert a "Memory Stick." Should the problem persist, check-in data to your computer, then reformat the "Memory Stick" using other device that is compatible with "Memory Stick." Should the problem still persist, take both this unit and "Memory Stick" to the nearest Sony dealer.

MS System Error

Something is wrong with the unit.
→Press the reset button on the unit.

NO Audio

"Memory Stick" without playable audio data is inserted.
→Check-out the audio data using SonicStage or OpenMG Jukebox.

NO Disc

No disc is inserted in the CD/MD unit.
→Insert discs in the CD/MD unit.

NO Magazine

The disc magazine is not inserted in the CD/MD unit.
→Insert the magazine in the CD/MD unit.

NO Music[*1]

A CD which is not a music file is inserted.
→Insert a music CD.

Not Ready

The lid of the MD unit (MDX-40) is open or the MDs are not inserted properly.
→Close the lid or insert the MDs properly.

Push Reset

The CD/MD unit cannot be operated because of some problem.
→Press the reset button on the unit.

*1 *When the CD/MD changer is connected to the unit, the disc number of the CD or MD appears in the display.*

*2 *The disc number of the disc causing the error appears in the display.*

If these solutions do not help improve the situation, consult your nearest Sony dealer.

Messages

Local Seek up/Local Seek down

The Local Seek mode is on during automatic tuning (page 25).

About ID3 tag version 2

Although not a malfunction, the following occurs when an MP3 file containing ID3 tag ver.2 is played:

– When skipping a portion of ID3 tag ver.2 (at the beginning of the track), sound is not output. Skip time changes depending ID3 tag ver.2 capacity.
Example: At 64 kbytes, it is about 2 seconds (with RealJukebox).

– The displayed elapsed playing time when skipping a portion of ID3 tag ver.2 is inaccurate. For MP3 files of a bit rate other than 128 kbps, time is not displayed accurately during playback.

– When an MP3 file is created with MP3 conversion software (ex. RealJukebox), ID3 tag ver.2 will automatically be written.*

** "RealJukebox is a registered trademark of RealNetworks, Inc."*

As of December, 2001

Index

A
AF 28, 29
ATRAC3 10, 20, 24
ATT 41
Auto Clear 40
AutoScroll 21, 41
AUX 45
AUX Level 42, 45
AUX Skip 41, 46

B
Balance 41
Bass 41
Beep 41
Blend Level 40
BTM 24, 29

C
CD TEXT 19, 23, 24
Char Setup 40
ClipMotion 16, 37
Clock 18, 41
Clock/Slide show mode 14, 21, 25, 27
Contrast 41
CT 31, 41
CUSTOM FILE 23, 24

D
Dimmer 41
Disc Memo 21, 23
Display 7
DSO 41, 42

E
Edit 7, 23, 24, 29
EQ7 41, 43
EQ7 Tune 42, 43

F
Fader 41, 44
Fuse 47

H
HPF 42, 44

I
ID3 tag 22, 57
Image 15

J
Jacket Pic 16, 35

L
List-up 24, 26
Lithium battery 48
Local 25, 41
Loudness 42
LPF 42, 45

M
"MagicGate" 52
MDLP 21
"Memory Stick" 16, 31, 34, 35, 37, 38, 52
"MG Memory Stick" 10, 20, 21, 52
Mono 25, 41
MP3 50, 51
MS Auto 20

N
Name Del 23
Name Edit 23

P
Panorama 17, 34
Panorama/Wall paper mode 13, 21, 25, 27
Picture Del 39
PlayMode 7
PTY 30

R
Regional 28, 41
REP (Repeat) 22
Reset 18

S
Screen saver mode 14, 21, 25, 27
Security 46
Setup 7, 18, 20, 31, 46
SHUF (Shuffle) 22
Slide Show 17, 38
SoundTuning 7, 43, 44, 45
Spectrum analyser mode 13, 21, 25, 27
Standard mode 13, 21, 25, 27
SubWoofer 41, 44

T
TA 29
TP 29
Treble 41

W
Wall Paper 16, 31

鳴謝惠顧！

感謝您惠購 Sony CD 播放機。

特徵：
- 有 “Memory Stick”插槽。
- 相容性 “MagicGate Memory Stick” （下文稱爲“MG Memory Stick”。）和“Memory Stick”。
- 可以播放錄製在 “MG Memory Stick”上的 ATRAC3 檔案。
- 可以播放錄製在光碟上的 MP3 檔案。
- 可以播放能添加話路的 CD-R/CD-RW （第 50 頁）
- 根據錄製方式而定，可以播放以 Multi Session （CD-Extra、Mixed CD 等）錄製的光碟 （第 50 頁）。
- Car G-PROTECTON。
- 選購的 CD/MD 裝置 （換碟機和播放機均在內） *1。
- ID3 標籤 *2 版本 1 資訊 （播放 MP3 檔案時顯示）。
- CD TEXT 資訊（在播放 CD TEXT 光碟 *3 時顯示）。
- **提供的操作附件**
  卡片式遙控器 RM-X132
- **選購的操作附件**
  無線旋轉式控制器 RM-X6S

*1 此裝置僅與 Sony 產品一起使用。
*2 ID3 標籤是一種 MP3 檔案，它包含了諸如文件夾名稱，演唱者，軌跡名稱等資訊。
*3 CD TEXT 光碟是一種音頻 CD，它包含了諸如光碟名稱、演唱者和軌跡名稱之類的資訊。這些資訊記錄在光碟上。

本說明書解釋了如何操作附帶的卡片式遙控器。

本說明書的圖示可能與實際的設備不同。

Car G-PROTECTION

G-PROTECTION 最初是開發用於 Walkman，且在震動時無跳讀。Car G-PROTECTION 以最初的 G-PROTECTION 爲基礎設計和調整用於汽車音響。Car G-PROTECTION 通過優質的無跳動創造了舒適的聲音再現，同時將 G-PROTECTION 的概念和價值從 Walkman 擴展到了汽車音響上。

Car G-PROTECTION 的規格

Car G-PROTECTION 有以下規格。
(a) 如果有數據丟失，在 0.5 秒內重新聚焦。
(b) 以雙倍或更快的速度讀取數據。

Car G-PROTECTION 的限制

Car G-PROTECTION 能最大限度實現無跳音運行，但是這並不意味著能夠確保完全無跳音。持續震動和／或主機的安裝條件也可能導致有一些跳音。

- “MagicGate Memory Stick”，“Memory Stick”，均爲 Sony 公司的商標。
- “MagicGate”和 MAGICGATE 爲 Sony 公司的商標。
- “Cyber-shot”是 Sony 公司的商標。
- “Walkman”是 Sony 公司的商標。
- “OpenMG Jukebox”是 Sony 公司的商標。
- “SonicStage”是 Sony 公司的商標。
- 所有其他的商標和註冊商標均爲他們各自所有者的商標或註冊商標。

目錄

控制器位置 4
總頂部選單顯示 7

基本操作

聽 CD 8
收聽 “MG Memory Stick” 中的 ATRAC3 檔案 10
聽收音機 12
選擇顯示模式和顯示方式 13
顯示 / 儲存 “Memory Stick” 中的靜像 16

開始使用之前

復原本機 18
設定時鐘和日曆 18

CD/MG-MS 播放機 CD/MD 裝置 （選購件）

播放光碟 19
播放 “MG Memory Stick” 20
自動播放 “MG Memory Stick” 內的軌跡 20
顯示項目 21
反覆播放軌跡
— 重複播放 22
以隨機順序播放軌跡
— 隨機播放 22
標註 CD
— 光碟記憶功能 * 23
通過名稱找出軌跡 / 光碟
— 列表功能 * 24

* 配以選購件 CD/MD 裝置時可使用的功能

收音機

自動存儲電台
— 最佳調諧記憶功能 （BTM） 24
顯示項目 25
收聽已存儲的電台 25
僅存儲所要的電台 26
通過列表調入電台
— 列表功能 26

RDS

RDS 概述 27
用於最佳接收效果的自動重調諧
— AF 功能 28
接收交通通告
— TA/TP 29
用 AF 和 TA 設定預設 RDS 電台 29
通過節目類型調入電台
— PTY 30
自動設定時鐘
— CT 31

圖像設定

自訂壁紙
— Wall Paper 31
設定全景圖像
— Panorama 34
設定封套圖像
— Jacket Pic 35
設定剪切動畫
— ClipMotion 37
幻燈片放映圖像
— Slide Show 38
刪除圖像資料
— Picture Del 39
設定顯示字符
— Char Setup 40

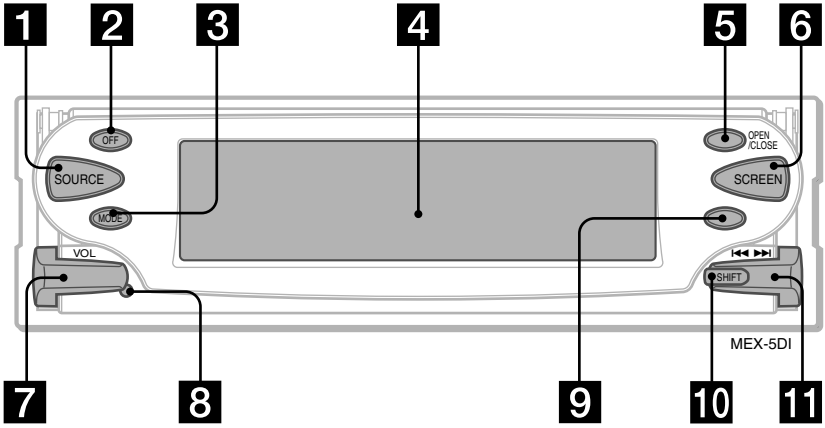
其它功能

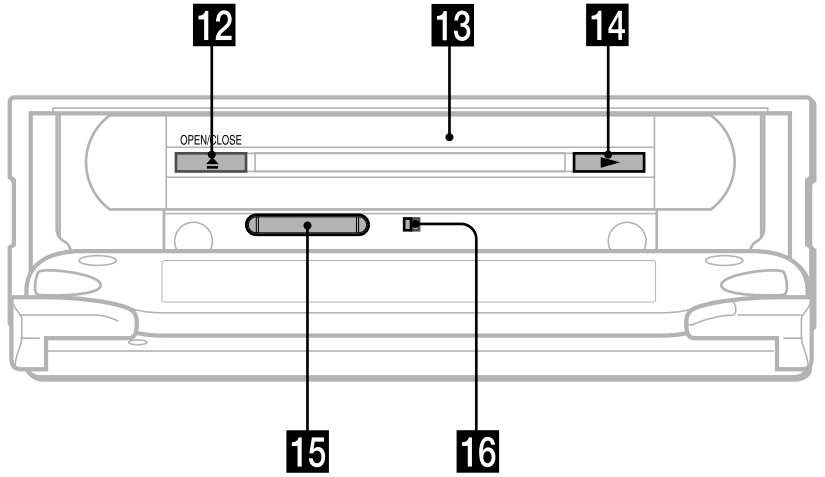
調節聲音特性 41
快速降低音量 41
改變音響和顯示設定
— 選單 41
設定動態攝影棚管理器 （DSO） 42
設定均衡器 （EQ7） 43
調節前置和後置揚聲器音量 44
調節超低音揚聲器音量 44
連接輔助音響設備 45
設定安全代碼 46

附加資訊

保養 47
拆卸本機 48
使用前注意事項 49
光碟注意事項 49
關於 MP3 檔案 50
關於 “Memory Stick” 52
規格 53
故障排除 54
出錯顯示 / 資訊 55
索引 57

控制器位置


1
2
3
4
5
6
OFF
SOURCE
MODE
OPEN
/CLOSE
SCREEN
VOL
SHIFT
MEX-5DI
7
8
9
10
11


12
13
14
OPEN/CLOSE
15
16

詳細說明，請參見列出頁。

1 **SOURCE （電源開 / 收音機 /CD/MG-MS/MD/AUX*1）按鈕**
用來選擇音源。

2 **OFF（停止 / 電源關閉）按鈕** *2 8，11，12，19，20，46

3 **MODE 按鈕**
用來改變操作。

4 **顯示窗**

5 **OPEN/CLOSE 按鈕** 8，9，10，11，19
按一下可以：
打開 / 關上前面板。
按住可以：
打開前面板和光碟托架。

6 **SCREEN 按鈕**
用來選擇顯示模式。

7 **VOL （音量）控制桿**

8 **重新設定按鈕** 18

9 **用於卡片式遙控器和無線旋轉式控制器的感應器**

10 **SHIFT （1-3 切換）按鈕**
用來改變 ⏮ ⏭ 控制桿（**11**）的功能。

11 **⏮ ⏭ 控制桿**
選擇無線電電台、調整項目、所需的圖像。

12 **⏏ （退出）OPEN/CLOSE 按鈕** 8，9，19
用來退出光碟，打開 / 關閉光碟托架。

13 **光碟托架**

14 **► （播放）按鈕** 8，19

15 **“Memory Stick”插槽**

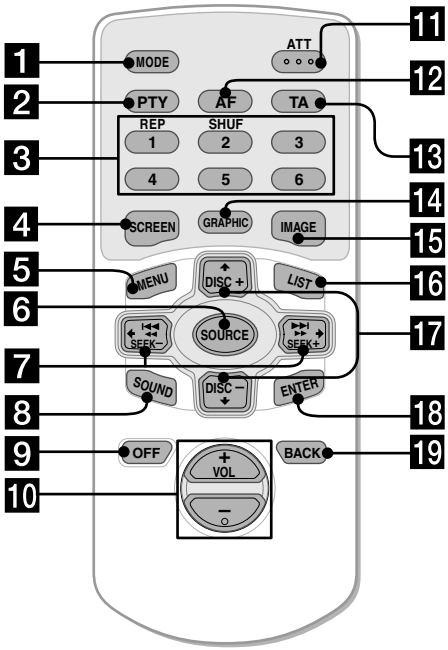
16 **“Memory Stick”存取燈**

*1 連接了選購的 CD/MD 裝置時，不顯示“AUX”。

*2 **警告**
將本機安裝在點火開關上沒有 ACC（附件）位置的汽車上時
關掉汽車引擎之後，必須按本裝置上的 (OFF) 按鈕持續 2 秒鐘以關閉時鐘顯示。
否則，時鐘顯示將一直開著從而消耗電池。

續下頁 →

卡片式遙控器 RM-X132



卡片式遙控器的按鈕與本裝置上的相應按鈕有相同的控制功能。

1 MODE **按鈕**
2 PTY **按鈕**
3 **數字按鈕**
① REP
② SHUF
用來存儲電台，收聽已存儲的電台。
4 SCREEN **按鈕**
5 MENU **按鈕**
用來顯示總的選單。
6 SOURCE **按鈕**
7 ←/→ (SEEK–/+) **按鈕**
8 SOUND **按鈕**
用來顯示聲音選單。
9 OFF **按鈕**
10 VOL (+/–) **按鈕**
11 ATT **按鈕**
12 AF **按鈕**
13 TA **按鈕**
14 GRAPHIC **按鈕**
用來顯示圖形選單。
15 IMAGE **按鈕**
用來切換顯示模式。
16 LIST **按鈕**
17 ↑/↓ (DISC +/–) **按鈕**
18 ENTER **按鈕**
19 BACK **按鈕**

注意

如果按 (OFF) 按鈕 2 秒關閉本裝置，除非先按裝置上的 (SOURCE) 按鈕重新激活本裝置，否則無法使用卡片式遙控器操作。

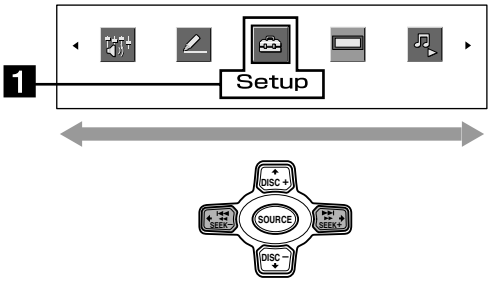
提示

有關如何更換電池的詳細資訊請參見第 48 頁“更換鋰電池”。

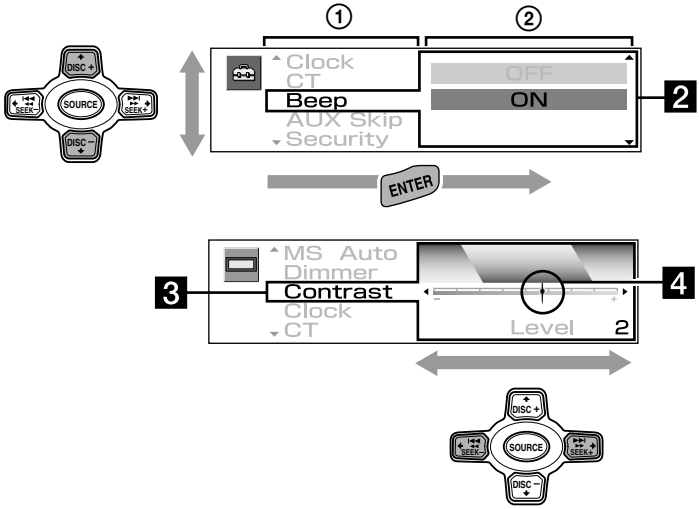
總頂部選單顯示

按 (MENU) 按鈕進入總頂部選單，然後選擇選單種類。您可以在總選單顯示中選擇各種設定。若要選擇，按 (ENTER) 按鈕。要返回前一個操作，按 (BACK) 按鈕。要完成設定並返回至普通顯示，按 (MENU) 按鈕。

總頂部選單顯示



總選單顯示



設定的圖標和內容

Setup
基本設定

Display
顯示設定

PlayMode
播放和無線電接收設定

Edit
顯示字符設定

SoundTuning
聲音品質的精確設定

1 選擇分類選單
例如： Setup

2 選擇的項目和設定
例如： Beep ON

注意
要移動 ① 至 ②，按 (ENTER) 按鈕。

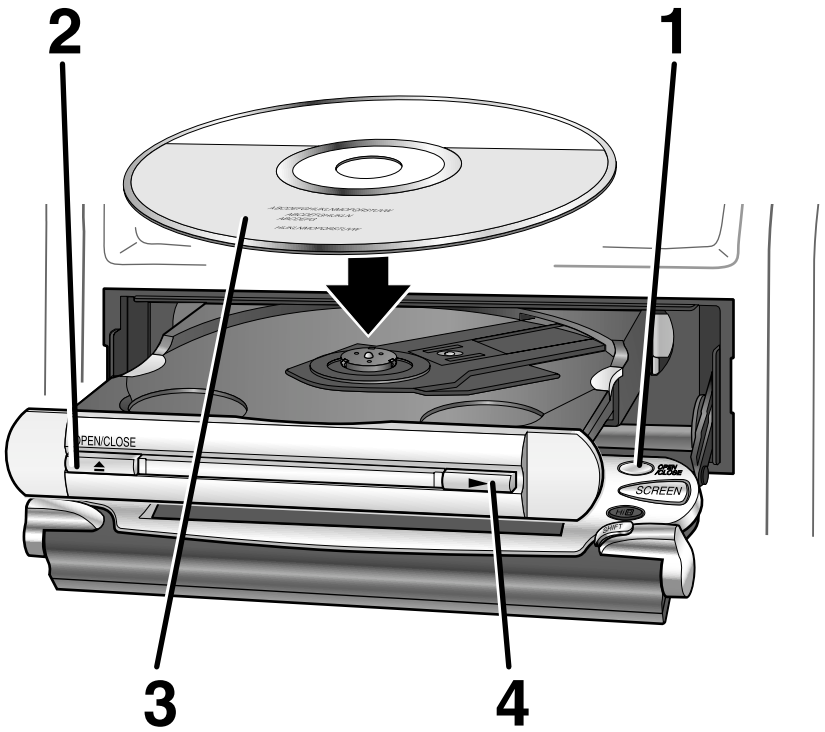
3 選擇的項目和設定
例如： Contrast Level 2

4 等級改變時亮點移動

注意
所顯示的項目根據音源不同而有所區別。

基本操作

聽 CD



1 按 (OPEN/CLOSE) 按鈕。
前面板打開。

2 按光碟托架上的 ⏏ (OPEN/CLOSE) 按鈕。
光碟托架打開。

3 將光碟放置在光碟托架上直至發出卡嗒聲（標籤面朝上）。
如果光碟放入時未發出卡嗒聲就開始播放，則可能會損壞光碟。

4 按 ► 按鈕。
光碟托架和前面板關閉後開始播放。

注意
- 光碟拖架上只能放置 1 張光碟。
- 警示聲音響過後，光碟托架和前面板自動關閉。
- 如果光碟托架內無 CD，關閉光碟托架時，本裝置可能會發出一些噪音。這不是故障。

提示
如果您按住前面板上的 (OPEN/CLOSE) 按鈕超過 1 秒鐘，則光碟托架打開。

要調節音量電平
向上或向下推動 VOL 控制桿。

要停止播放
按 (OFF) 按鈕。

已經裝入了光碟時
反覆按 (SOURCE) 按鈕直至 “ (CD 圖標)” 或 “CD” 出現。

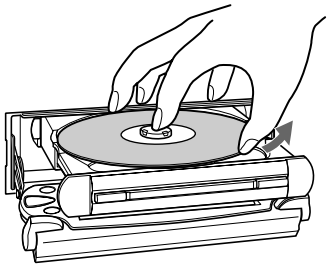
要退出光碟

按 (OPEN/CLOSE) 1 秒鐘。

或者，先按 (OPEN/CLOSE) 按鈕打開前面板，然後按光碟托架上的 ⏏ (OPEN/CLOSE) 按鈕。

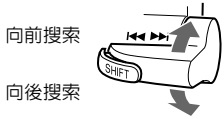
要取出光碟

按下中心軸，並提起光碟的邊緣從光碟托架內取出。



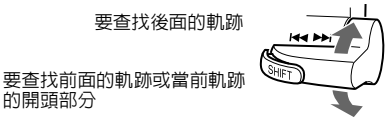
要查找軌跡內的特定點 （手動搜索）

向上或向下按住控制桿 ⏮ ⏭，並在所需位置鬆開。



要查找特定的軌跡 （自動音樂傳感器）

向上或向下按 ⏮ ⏭ 控制桿（每個軌跡一次）。

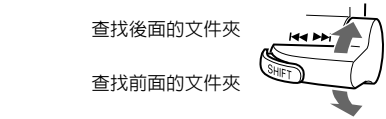


要連續跳過軌跡，向上或向下按一下並在 1 秒鐘內再次向下或向上按 （和按住） ⏮ ⏭ 控制桿。

要查找特定的文件夾

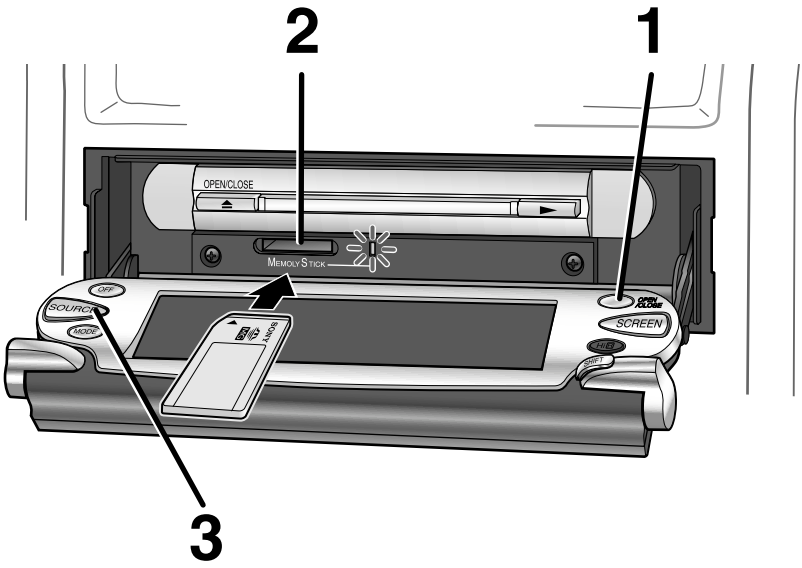
（僅在播放 MP3 檔案時適用）

當 “Album” 顯示在顯示器的右下端時，按 (SHIFT) 按鈕，然後向上或向下按 ⏮ ⏭ 控制桿 （一個文件夾一次）。



要連續跳過文件夾，向上或向下按一下並在 1 秒鐘內再次向下或向上按 （和按住） ⏮ ⏭ 控制桿。

收聽 “MG Memory Stick” 中的 ATRAC3 檔案



1 按 (OPEN/CLOSE) 按鈕。
前面板打開。

2 插入 “MG Memory Stick” 直至聽到卡嗒聲。
“Memory Stick” 存取燈點亮，警報聲音響過後前面板自動關閉。

3 反覆按 (SOURCE) 按鈕直至 “ (MG-MS 圖標)” 或 “MS” 出現。
播放開始。

注意

- 按正確的方向插入 “MG Memory Stick”。
- 請勿強行取出 “MG Memory Stick”。
- 請小心勿讓 “MG Memory Stick” 從本裝置中跳出並跌落。

提示

當 “MS Auto” 設定爲 “ON” 時自動開始播放（第 20 頁）。

要調節音量電平

向上或向下按 VOL 控制桿。

要停止播放

按 (OFF) 按鈕。

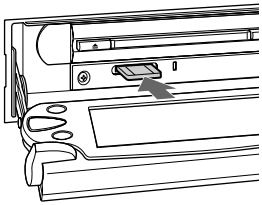
已經插入了 “MG Memory Stick”時

反覆按 (SOURCE) 按鈕直至 “ (MG-MS 圖標)”或 “MS”出現。

要退出 “MG Memory Stick”

按 (OPEN/CLOSE) 按鈕打開前面板。

推一下 “MG Memory Stick”，然後將其取出。



注意

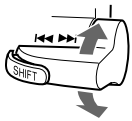
請勿讓 “MG Memory Stick”突出。

要查找軌跡內的特定點 （手動搜索）

向上或向下按住 ⏮ ⏭ 控制桿，並在所需位置鬆開。

向前搜索

向後搜索

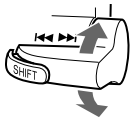


要查找特定的軌跡 （自動音樂傳感器）

向上或向下按 ⏮ ⏭ 控制桿 （每個軌跡一次）。

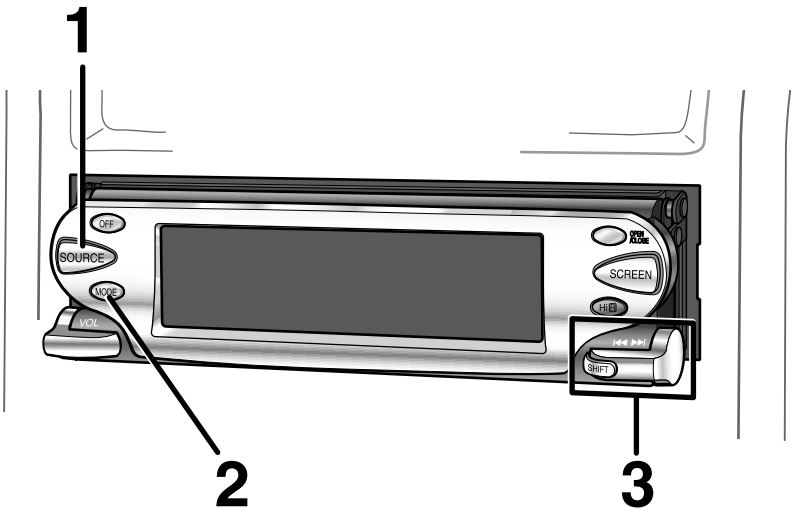
查找下一個軌跡

查找前一個軌跡或當前軌跡的開頭部分



要連續跳過軌跡，向上或向下按一下並在 1 秒鐘內再次向下或向上按 （和按住） ⏮ ⏭ 控制桿。

聽收音機



1 反覆按 (SOURCE) 按鈕直至出現“ （調諧器圖標）”或波段 (FM1、FM2、FM3、MW 或 LW)。

2 反覆按 (MODE) 按鈕選擇波段。

3 當 “Preset”顯示在顯示器的右下角時，按 (SHIFT) 按鈕，然後向上或向下按 ⏮ ⏭ 控制桿選擇所需的電台。
可以選擇已儲存的電台 (第 26 頁)。
也可以用卡片式遙控器上的數字按鈕 (① 至 ⑥) 選擇。

要調節音量電平

向上或向下按 VOL 控制桿。

要停止無線電的接收

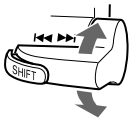
按 (OFF) 按鈕。

要自動接收電台 (自動調諧)

向上或向下按 ⏮ ⏭ 控制桿。

搜索後一個電台

搜索前一個電台

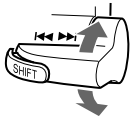


要收聽所需的頻率 (手動調諧)

向上或向下按住 ⏮ ⏭ 控制桿，並在所需頻率處鬆開。

搜索更高的頻率

搜索更低的頻率



選擇顯示模式和顯示方式

您可以從 5 種顯示模式中選擇不同的顯示樣式。您也可以在標準模式、頻譜分析儀模式、全景 / 壁紙模式和螢幕節能模式中選擇各種顯示方式。

標準模式

顯示音源、軌跡編號、已播放時間、光碟名稱、軌跡名稱和聲音設定等各種資訊。您可以在顯示器的左邊顯示音源圖標等項目，在顯示器的中間以較小的尺寸顯示頻譜分析儀或壁紙。

標準模式 1（頻譜分析儀）

標準模式 2（壁紙）

頻譜分析儀模式

在整個螢幕上顯示預先儲存好的頻譜分析儀設定。

全景 / 壁紙模式

在整個螢幕上顯示預先儲存好的靜態畫面或 “Memory Stick” 內的靜像。

全景（一個畫面捲軸）

續下頁 →

壁紙（在整個螢幕上顯示壁紙）

螢幕節能模式

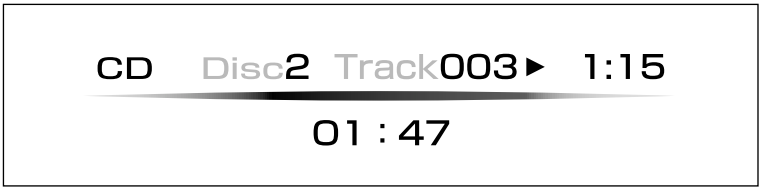
播放預先儲存的動畫。

時鐘 / 幻燈片放映模式

只有當設定了幻燈片放映時，顯示才改變爲幻燈片放映模式。未設定幻燈片放映時該顯示通常變爲時鐘模式。

時鐘

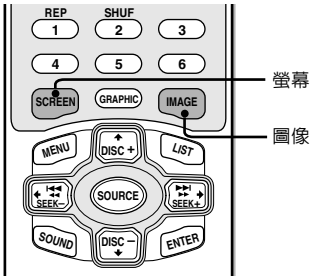
顯示播放或無線電接收資訊和時鐘。



幻燈片放映

象放影幻燈片一樣顯示 “Memory Stick”中的畫面。

使用卡片式遙控器

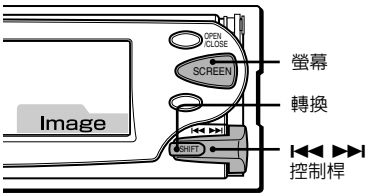


1 在播放或無線電接收中，反覆按 (SCREEN) 按鈕選擇顯示模式。
每按一次 (SCREEN) 按鈕，顯示模式變化如下：
標準模式 → 頻譜分析儀模式 → 全景 / 壁紙模式 → 螢幕節能模式 → 時鐘 / 幻燈片放映模式 * → 標準模式

2 反覆按 (IMAGE) 按鈕選擇顯示方式。

* 您無法在時鐘/幻燈片放映模式中選擇任何顯示模式。

使用本裝置



1 在播放或無線電接收中，反覆按 (SCREEN) 按鈕選擇顯示模式。
每按一次 (SCREEN) 按鈕，顯示模式變化如下：
標準模式 → 頻譜分析儀模式 → 全景 / 壁紙模式 → 螢幕節能模式 → 時鐘 / 幻燈片放映模式 *→ 標準模式

2 當 “Image” 顯示在顯示器的右下角時，向上或向下按 ⏮ ⏭ 控制桿選擇顯示方式。

* 您無法在時鐘/幻燈片放映模式中選擇任何顯示模式。

如果僅切換顯示方式，按 (SHIFT) 按鈕直至 “Image” 顯示在顯示幕的右下角，顯示 “Image” 時向上或向下按 ⏮ ⏭ 控制桿。（如果音源爲 AUX，則不需要按 (SHIFT) 按鈕。）

顯示 / 儲存 “Memory Stick” 中的靜像

儲存在 “Memory Stick” 中的圖像資料 （JPEG，BMP，GIF，PNG）可以顯示 / 儲存在本裝置的顯示幕中。

顯示為封套圖像 — 標準模式 （第 35 頁）

可顯示的圖像格式和尺寸爲：

JPEG: 1,600 × 1,200 點或更少

BMP，GIF，PNG: 640 × 480 點或更少

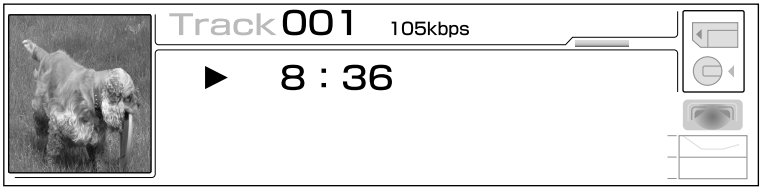
顯示為剪切動畫 — 標準模式 （第 37 頁）

可顯示的圖像格式和尺寸爲：

JPEG: 1,600 × 1,200 點或更少

BMP，GIF，PNG: 640 × 480 點或更少

GIF 動畫檔案: 160 × 120 點或更少，最多爲 10 幀（84 × 84 點或更少，最多爲 20 幀）



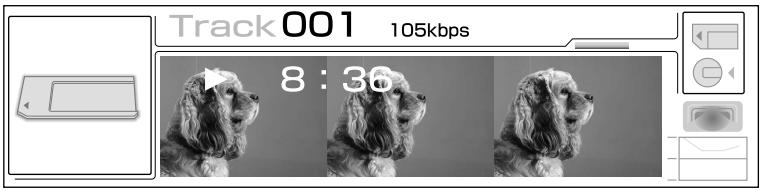
顯示為壁紙 （第 31 頁）

可顯示的圖像格式和尺寸爲：

JPEG: 1,600 × 1,200 點或更少

BMP，GIF，PNG: 640 × 480 點或更少

標準模式

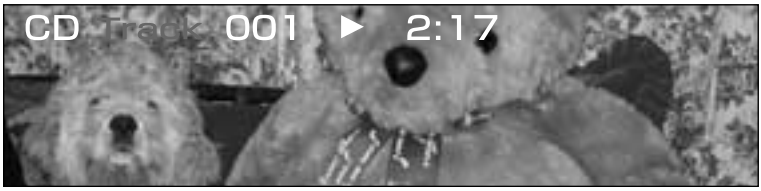


全景 / 壁紙模式

在整個螢幕上水平滾動圖像 — 全景 / 壁紙模式 （第 34 頁）

可顯示的圖像格式和尺寸爲：

JPEG: 1,600 × 1,200 點或更少



顯示為幻燈片放映 — 時鐘 / 幻燈片放映模式 （第 38 頁）

JPEG: 1,600 × 1,200 點或更少

BMP，GIF，PNG: 640 × 480 點或更少

注意

在電腦上處理過的圖像可能無法顯示。

開始使用之前

復原本機

在第一次使用本機前，或更換汽車電池或改變連接後，必須使本機復原。

用原子筆等尖頭物體按重新設定按鈕。

重新設定後，顯示預先儲存的圖像。按卡片式遙控器上的 (IMAGE) 按鈕顯示時鐘顯示並設定時鐘和日曆。

重新設定按鈕

注意

- 按重新設定按鈕，將消除時鐘/日曆設定和某些已存儲的內容。
- 按重新設定按鈕後，本裝置開始執行 10 秒鐘最初的設定。這時，請勿插入光碟或 “Memory Stick”，否則可能無法重新設定本裝置。如果發生這種情況，請再次按重新設定按鈕。
- 處於最初設定時，本裝置會發出噪音，這不是故障。

設定時鐘和日曆

時鐘採用 24 小時數字表示（日 / 月 / 年時間）。

工廠設定爲 “01/01/2002 01:00”。

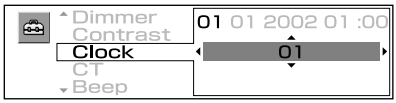
1 按 (MENU) 按鈕。

2 反覆按 ← 或 → 按鈕選擇 “Setup”。

3 按 (ENTER) 按鈕。

4 反覆按 ↑ 或 ↓ 按鈕選擇 “Clock”。

5 按 (ENTER) 按鈕。



❶反覆按 ↑ 或 ↓ 按鈕設定日期。
每按一次 ↑ 按鈕，日期數字增大。
每按一次 ↓ 按鈕，日期數字減小。

❷按 → 按鈕移動至月，然後反覆按 ↑ 或 ↓ 按鈕設定月份。

❸重複步驟 ❷ 設定年份，小時和分鐘。

6 按 (ENTER) 按鈕。
設定的時鐘和日曆被儲存，且顯示返回至普通顯示。

注意

如果您的汽車沒有 ACC 位置，先打開本裝置的電源，然後設定時鐘和日曆。

提示

您可以將年份設定在 2000 至 2099。

CD/MG-MS 播放機 CD/MD 裝置 （選購件）

本機除播放 CD 外，還可控制外接的 CD/MD 裝置。

注意

若連接一台選購的帶 CD TEXT 功能的 CD 裝置，當播放 CD TEXT 光碟時，該 CD TEXT 資訊將出現在顯示幕上。

：**用本機操作**

：**用卡片式遙控器操作**

播放光碟

（使用本機）

1 插入光碟 （第 8 頁）。

2 按 ► 按鈕。
光碟托架和前面板關閉後開始播放。

如果已經插入了光碟，反覆按 (SOURCE) 按鈕直至 “◎（CD 圖標）”或 “CD”出現在顯示幕上，並開始播放。（如果按 ⏏ 按鈕，光碟托架關閉但不開始播放。）

注意

- 光碟托架上只能放置 1 張光碟。
- 警示聲音響過後，光碟托架和前面板自動關閉。

要	按
停止播放	(OFF)
退出光碟	(OPEN/CLOSE) 1 秒鐘 (OPEN/CLOSE)，然後 ⏏
跳過軌跡 –自動音樂傳感器	向上或向下按 I◄◄ ►►I 控制桿 [一次跳過一個軌跡]
快進 / 後退 –手動搜索	向上或向下按 I◄◄ ►►I 控制桿 [按住直至所需位置]
跳過文件夾 * –文件夾選擇	(SHIFT)，然後向上或向下按 I◄◄ ►►I 控制桿 [一次跳過一個文件夾]

要	按
停止播放	(OFF)
跳過軌跡 –自動音樂傳感器	←/→ (I◄◄/►►I) [一次跳過一個軌跡]
快進 / 後退 –手動搜索	←/→ (◄◄/►►) [按住直至所需位置]
跳過文件夾 * –文件夾選擇	↑/↓ (+/–) [一次跳過一個文件夾]

* 僅在播放 MP3 檔案時適用。

注意

- 如果正在讀取光碟上的資料，按下 (OPEN/CLOSE) 或 ⏏ 按鈕後，在光碟托架退出前會有幾秒鐘的延遲。
- 根據光碟上使用的錄製方式而定，可能要花 1 分鐘或更長時間開始播放第一個軌跡。
- 根據光碟的情況而定，可能不播放 （第 49 頁 ，50 頁）。
- 播放光碟上的第一個 / 最後一個軌跡時，如果按 ↓ 或 ↑ 按鈕，則跳到光碟的最後一個 / 第一個軌跡播放。
- 當光碟內最後一個軌跡結束，則從光碟的第一個軌跡重新開始播放。
- 當連接有選購裝置時，相同音源的播放也會在選購的 CD/MD 裝置上得以繼續。

（使用選購裝置）

1 反覆按 (SOURCE) 按鈕直至 “◎（CD 圖標）”，“CD”或 “◎（MD 圖標）”，“MD”出現。

2 反覆按 (MODE) 按鈕，直至出現所要的裝置。
播放開始。

查找軌跡和光碟

請參見第 24 頁 “通過名稱找出軌跡 / 光碟”。

播放 “MG Memory Stick”

您可以播放 “MG Memory Stick”中的 ATRAC3 檔案。

反覆按 (SOURCE) 按鈕直至 “ (MG-MS 圖標)”或 “MS”出現。

播放開始。

提示

當您用 SonicStage 或 OpenMG Jukebox 2.2 版本（或更新）檢驗 ATRAC3 檔案時，可以將圖像附在檔案上。

如果在本機上播放 ATRAC3 檔案，您附上的圖像將顯示在顯示幕的音源區。在電腦上處理過的圖像可能無法顯示。

有關詳細資訊，請參閱 SonicStage 或 OpenMG Jukebox 的使用說明書。

要	按
停止播放	(OFF)
跳過軌跡。 – 自動音樂傳感器	向上或向下按 ⏮ ⏭ 控制桿 [一次跳過一個軌跡]
快進 / 後退 – 手動搜索	向上或向下按 ⏮ ⏭ 控制桿 [按住直至所需位置]

要	按
停止播放	(OFF)
跳過軌跡。 – 自動音樂傳感器	←/→ (⏮/⏭) [一次跳過一個軌跡]
快進 / 後退 – 手動搜索	←/→ (◀◀/▶▶) [按住直至所要的位置]

注意

本機無法播放 “MG Memory Stick”內的以下資料。

– ATRAC3 以外的資料。
– 有播放限制的資料。
– 有播放時間限制，並已超出規定日期的資料。

自動播放 “MG Memory Stick”內的軌跡

將 “MS Auto”設定爲 “ON”並插入 “MG Memory Stick”從第一個軌跡自動開始連續地播放。

1 按 (MENU) 按鈕。
2 反覆按 ← 或 → 按鈕選擇 “Setup”。
3 按 (ENTER) 按鈕。
4 按 ↑ 或 ↓ 按鈕選擇 “MS Auto”。
5 按 (ENTER) 按鈕。

6 反覆按 ↑ 或 ↓ 按鈕選擇 “ON”。
7 按 (ENTER) 按鈕。
顯示幕返回至頂部選單顯示。
8 按 (MENU) 按鈕。
顯示返回至正常顯示。

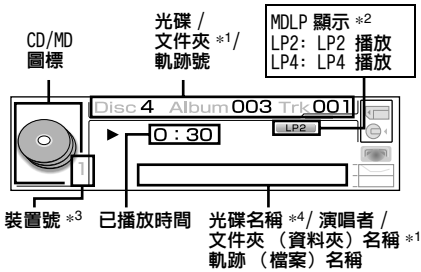
要取消 “MG Memory Stick”的自動播放，在步驟 6 選擇 “OFF”。

顯示項目

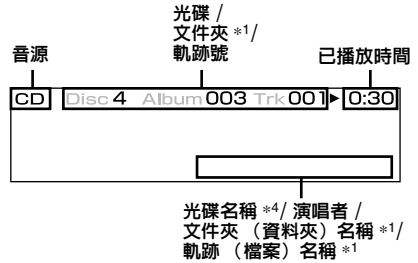
當光碟 / 文件夾 *1/ 軌跡改變時，自動顯示新光碟 / 文件夾 / 軌跡的預先錄製的標題。如果 “AutoScroll” 被設定爲 “ON”，將滾動顯示名稱 （第 41 頁）。

CD/MD

標準模式：



頻譜分析儀模式 / 全景 / 壁紙模式 / 螢幕節能模式 / 幻燈片放映模式：

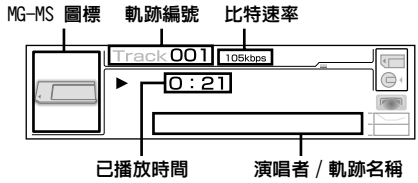


時鐘模式：

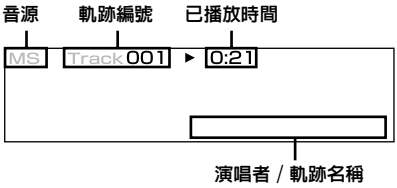
*1 僅在播放 MP3 檔案時適用。
*2 只有當連接了具有 MDLP 功能的 MD 選購裝置，而且播放 MDLP 光碟時才有效。
*3 只有當連接有 CD/MD 選購裝置時有效。
*4 若此光碟由本裝置用 CUSTOM FILE 功能標註過，則顯示光碟記憶內容。

“MG Memory Stick”

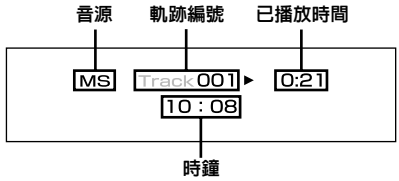
標準模式：



頻譜分析儀模式 / 全景 / 壁紙模式 / 螢幕節能模式：



時鐘模式：



注意

- 有些字符無法顯示。
- 對於帶有許多字符 CD TEXT 光碟，某些字符可能無法顯示及滾動顯示。
- 本機不能顯示 CD TEXT 光碟上每個軌跡的演唱者。

關於 MP3

- 播放帶 ID3 標記的 MP3 時，顯示 ID3 標記（演唱者 / 文件夾名稱 / 軌跡名稱）。
- ID3 標記僅使用於版本 1。
- ID3 標記字符代碼符合 ASCII 和 ISO 8859-1 標準。Joliet 格式光碟只能以 ASCII 顯示。不相容的字符將顯示爲 “*”。
- 在下列情況下，已播放時間可能無法準確顯示。
  – 播放 VBR （可變比特速率）的 MP3 檔案時。
  – 快進 / 後退時。

提示

當 “AutoScroll” 功能設爲 “OFF”，光碟 / 文件夾 / 軌跡名稱改變時，光碟 / 文件夾 / 軌跡名稱不會滾動顯示。

反覆播放軌跡

— 重複播放

當到達播放終點時，主機中的光碟將重複播放一個軌跡、整個文件夾或整張光碟。您可以選擇以下重複播放：

CD/MD

- REP♫ — 重複播放一個軌跡。
- REP⊙ *1 — 重複播放一個文件夾。
- REP⊜ *2 — 重複播放一張光碟。

“MG Memory Stick”

REP♫ — 重複播放一個軌跡。

*1 僅適用於 MP3 檔案。
*2 僅適用於當連接一台或多台選購的 CD/MD 裝置時。

在播放中，反覆按 ①(REP) 按鈕，直至所要的設定出現在顯示幕上。
重複播放開始。

標準模式外的其他顯示模式中，調整設定後圖標將消失片刻。

要返回至普通播放模式，反覆按 ①(REP) 按鈕直至該圖標從顯示幕上消失。

以隨機順序播放軌跡

— 隨機播放

您可以選擇：

- SHUF⊙ *1 — 以隨機順序播放當前文件夾中的軌跡。
- SHUF⊜ — 以隨機順序播放當前光碟上的軌跡。
- SHUF⊜ *2 —以隨機順序播放當前選購的 CD（MD）裝置上的軌跡。
- SHUF All *3 —以隨機順序播放所有連接的 CD（MD）裝置（包括本機）中的全部軌跡。

*1 僅適用於 MP3 檔案。
*2 僅適用於當連接一台或多台選購的 CD(MD)裝置時。
*3 僅適用於連接一台或多台選購的 CD 裝置，或兩台及兩台以上選購的 MD 裝置。

在播放中，反覆按 ②(SHUF) 按鈕，直至所要的設定出現在顯示幕上。
隨機播放開始。

標準模式外的其他顯示模式中，調整設定後圖標將消失片刻。

要返回至普通播放模式，反覆按 ②(SHUF) 按鈕直至該圖標從顯示幕上消失。

注意

- “SHUF All”不會打亂 CD 裝置和 MD 裝置互相之間的軌跡順序。
- “MG Memory Stick”中的軌跡無法打亂。

標註 CD

— 光碟記憶功能（用於帶 CUSTOM FILE 功能的選購 CD 裝置）

您能用自訂名稱標註每張光碟（光碟記憶功能）。您能給每張光碟輸入最多 8 個字符。若標註了 CD，則可通過名稱找出光碟（第 24 頁）。

光碟記憶內容作爲顯示項之一，其顯示總是優先於光碟中原有的 CD TEXT 資訊。

警告

在駕駛中，切勿使用 CUSTOM FILE 功能或任何其他可能分散您對路況注意力的功能。

1 開始播放您想要標註的光碟。

2 按 (MENU) 按鈕。

3 反覆按 ← 或 → 按鈕選擇 “Edit”。

4 按 (ENTER) 按鈕。

5 反覆按 ↑ 或 ↓ 按鈕選擇“Name Edit”。

6 按 (ENTER) 按鈕。

在標註過程中，本機將反覆播放該光碟。

7 輸入字符。

❶反覆按 ↑* 按鈕，選擇所需要的字符。

A → B → C ... → 0 → 1 → 2 ... → + → − → ✻ ... → （空格） → A

* 對於相反的順序，按 ↓。

❷找到所需要的字符後按 → 按鈕。

如果按了 ← 按鈕，則將返回到左邊字符。

❸重複步驟 ❶ 和 ❷ 以輸入整個名稱。

8 按 (ENTER) 按鈕。
顯示幕返回至頂部選單顯示。

9 按 (MENU) 按鈕。
顯示幕返回至正常顯示。

提示

- 要更正或消除一個名稱，僅需覆蓋或輸入空格。
- 如連接了帶 CUSTOM FILE 功能的 CD 裝置，則可以在沒有此功能的裝置中對 CD 進行標註。光碟記憶內容將存儲在具有 CUSTOM FILE 功能的 CD 裝置記憶體中。

注意

重複播放 / 隨機播放暫時中斷直至名稱編輯完成。

刪除光碟記憶內容

1 反覆按 (SOURCE) 按鈕，選擇 “CD”。

2 反覆按 (MODE) 按鈕選擇存具有 CUSTOM FILE 功能的 CD 裝置。

3 按 (MENU) 按鈕。

4 反覆按 ← 或 → 按鈕選擇 “Edit”。

5 按 (ENTER) 按鈕。

6 反覆按 ↑ 或 ↓ 按鈕選擇 “ Name Del”。

7 按 (ENTER) 按鈕。
出現存儲的名稱。

8 反覆按 ↑ 或 ↓ 按鈕選擇想要刪除的光碟名稱。

9 按住 (ENTER) 按鈕 2 秒鐘。
該名稱即被刪除。
若要刪除其它名稱，請重複步驟 8 和 9 的操作。

10 按 (MENU) 按鈕。
顯示幕返回至正常顯示。

注意

- 當 CD TEXT 光碟的光碟記憶內容被刪除後，則將顯示原有的 CD TEXT 資訊。
- 如果未找到您想要刪除的光碟記憶內容，請嘗試在步驟 2 中選擇另一個 CD 裝置。

提示

- 如果沒有光碟記憶內容，在步驟 7 中顯示幕將自動返回至正常顯示。
- 如果在步驟 9 中刪除了所有的光碟記憶內容，顯示幕將自動返回至正常顯示。

通過名稱找出軌跡 / 光碟

— 列表功能

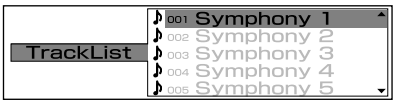
（使用本機）

當給 “MG Memory Stick”內的 ATRAC3 檔案指定了名稱，則可以通過名稱查找。

（使用帶 CD TEXT/CUSTOM FILE 功能的選購 CD 裝置，或 MD 裝置）

您能對已被賦予自訂名稱 *1 的光碟或對 CD TEXT 光碟 *2 使用此功能。

1 按 (LIST) 按鈕。
指定的軌跡 *3/ 光碟名稱出現在顯示幕上。
例如：TrackList



2 反覆按 ↑ 或 ↓ 按鈕選擇想要的軌跡 *3/ 光碟。

3 按 (ENTER) 按鈕。

*1 通過自訂名稱查找光碟：當您給 CD（第 23 頁）或 MD 指定名稱時。
*2 通過 CD TEXT 資訊查找光碟：在帶有 CD TEXT 功能的 CD 裝置上播放 CD TEXT 光碟時。
*3 僅適用於 “MG Memory Stick”內的 ATRAC3 檔案。

注意

在 CD TEXT 光碟和 MD 的情況下，某些字符可能無法顯示。

提示

要停止設定並返回至普通顯示，按 (LIST) 按鈕。

收音機

本機在每一波段上（FM1，FM2，FM3，MW 和 LW）最多可存儲 6 個電台。

警告

當在駕車過程中要調諧電台時，須使用最佳調諧記憶功能，以免發生事故。

自動存儲電台

— 最佳調諧記憶功能（BTM）

本機在選定的波段上篩選信號最強的電台，並按照它們的頻率順序進行存儲。

1 反覆按 (SOURCE) 按鈕直至 “📻（調諧器圖標）”或波段出現。

2 反覆按 (MODE) 按鈕選擇波段。

3 按 (MENU) 按鈕。

4 反覆按 ← 或 → 按鈕選擇 “Edit”。

5 按 (ENTER) 按鈕。

6 反覆按 ↑ 或 ↓ 按鈕選擇 “BTM”。

7 按 (ENTER) 按鈕。
選定波段內信號最強的電台按頻率順序儲存在記憶體中。要取消儲存，在儲存電台時按 (ENTER) 按鈕。

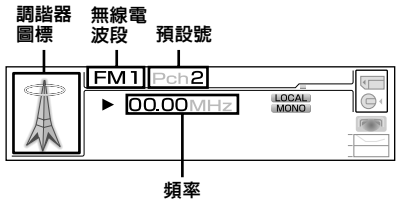
8 按 (MENU) 按鈕。
顯示幕返回至正常顯示。

注意

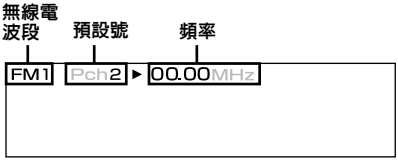
- 若因信號微弱之故僅能接收到很少電台，則某些儲存的預設數字仍將保留其以前的設定。
- 當顯示幕上顯示一個預設數字時，本機會從當前顯示的數字開始存儲電台。

顯示項目

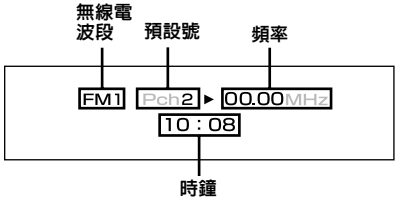
標準模式：



頻譜分析儀模式 / 全景 / 壁紙模式 / 螢幕節能模式 / 幻燈片放映模式：



時鐘模式：



收聽已存儲的電台

1 反覆按 (SOURCE) 按鈕選擇收音機。

2 反覆按 (MODE) 按鈕選擇波段。

3 按存有所要電台的數字按鈕（① 至 ⑥）。

提示

按 ↑ 或 ↓ 按鈕，按照已存入記憶體中的順序接收電台（預設搜索功能）。

如果預設的調諧無效

按 ←(SEEK −) 或 →(SEEK +) 搜索電台（自動調諧功能）。
當本機接收到一個電台時，掃描即停止。如此反覆直至接收到所要的電台。

提示

- 如自動調諧中斷太頻繁，則開啓本地搜索功能，把搜索目標限制在信號較強的電台（請參見第 41 頁“改變音響和顯示設定”）。
- 若您知道所要收聽的電台頻率，請按住 ← 或 → 按鈕找到近似頻率，然後反覆按 ← 或 → 按鈕精確調整到所要的頻率（手動調諧）。

若 FM 立體聲的收音狀況不良

選擇單聲道收聽模式
（請參見第 41 頁“改變音響和顯示設定”）。聲音狀況得到改善，但變成了單聲道（“STEREO”顯示消失）。

提示

如果很難收聽到 FM 廣播，請將 “DSO”設定於 “OFF”（第 42 頁）。

僅存儲所要的電台

您可以手動預設所要的電台。

1 反覆按 (SOURCE) 按鈕選擇收音機。

2 反覆按 (MODE) 按鈕選擇波段。

3 按 ← (SEEK −) 或 → (SEEK +) 按鈕，調入想要存儲的電台。

4 按所要的數字按鈕（① 至 ⑥）並保持 2 秒，直至顯示 “Memory”。
顯示您所按按鈕的數字，且選定的電台被分配給該數字並被儲存。

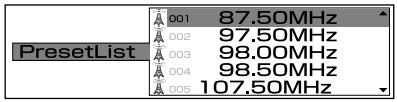
注意

若您試圖在已存儲有電台的按鈕上存儲另一個電台，則以前存入的電台將被消除。

通過列表調入電台

— 列表功能

1 在收音機接收過程中，按一下 (LIST) 按鈕。
當前調入電台的頻率和賦予的電台名稱在顯示幕上。



2 反覆按 ↑ 或 ↓ 按鈕，選擇所需要的電台。
若選擇的電台未指定名稱，則電台的頻率顯示在顯示幕上。

3 按 (ENTER) 按鈕調入所要電台。
調諧結束後，顯示幕返回至正常顯示。

提示

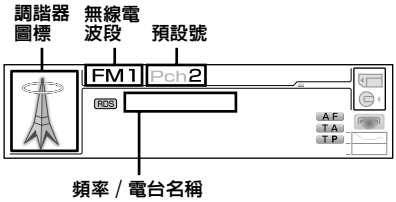
要停止設定並返回至普通顯示，按 (LIST) 按鈕。

RDS

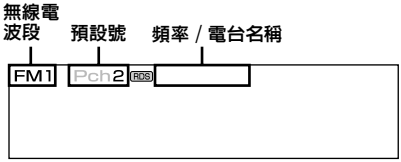
RDS 概述

帶收音機資料系統（RDS）服務的 FM 電台在發送常規的收音機節目信號的同時還發送無聲的數碼資訊。例如，接收帶有 RDS 功能的電台時，將顯示下列資訊之一。

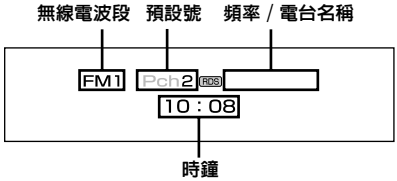
標準模式：



頻譜分析儀模式 / 全景 / 壁紙模式 / 螢幕節能模式 / 幻燈片放映模式：



時鐘模式：



RDS 服務

RDS 資料還可爲您提供其他方便，例如：

- 節目的自動重調諧，在長距離駕車時很有用。— AF → 第 28 頁
- 在欣賞其他的節目 / 音源時接收 交通通告。— TA → 第 29 頁
- 通過節目類型選擇電台。— PTY → 第 30 頁
- 自動設定時鐘。— CT → 第 31 頁

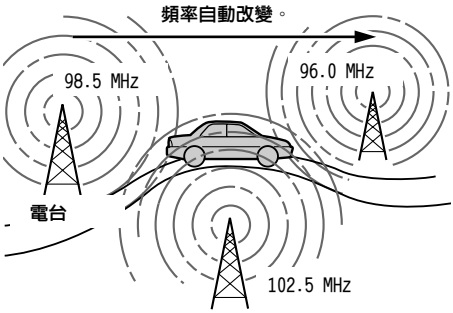
注意

- 根據國家或地區而定，並非所有的 RDS 功能都可用。
- 如果信號強度太弱或者如果您調入的電台不發射 RDS 資料，則 RDS 無法正常工作。

用於最佳接收效果的自動重調諧

— AF 功能

備用頻率 (AF) 功能允許收音機將該地區的最強信號調入您正在收聽的電台。



1 選擇一個 FM 電台 (第 24 頁)。

2 反覆按 (AF) 按鈕，直至出現 "AF"。
本裝置開始在同一個網路中搜索信號更強的備用頻率。
若顯示 "NO AF"，表示當前調入的電台沒有備用頻率。

注意

當該地區沒有備用頻率時，或當無需搜索備用頻率時，請關閉 AF 功能。

對於沒有備用頻率的電台

當電台名稱閃爍時按 ← 或 → 按鈕 (8 秒鐘內)。
本裝置開始搜索有相同 PI (節目標示) 資料的另一頻率 (出現 "PI Seek" 顯示)。若本裝置無法找到相同的 PI，則本裝置返回至先前選擇的頻率。

保留一個地區節目

當開啓 AF 功能時： 本裝置的工廠設定將電台接收限制在一個指定的地區，因此您無法切換至頻率更強的另一個地區的電台。

如果您離開該地區節目的接收範圍或希望利用整個 AF 功能，請從選單中選擇 "Regional OFF" (第 41 頁)。

注意

本功能在英國及其他一些地區無效。

本地鏈接功能 (僅適用於英國)

本功能允許您選擇本區域中其他本地電台，即使這些電台未存儲在數字按鈕上。

1 按存有本地電台的數字按鈕 (① 至 ⑥)。

2 5 秒鐘之內，再次按該本地電台的數字按鈕。

3 如此反覆操作直至接收到所要的本地電台。

接收交通通告

— TA/TP

通過開啓交通通告（TA）和交通節目（TP），您可以自動調入正有廣播交通通告的 FM 電台。這些設定功能與當前 FM 節目或音源（CD/MD，AUX）無關。通告結束後本裝置返回原節目源。

反覆按 (TA) 按鈕，直至出現“ TA ”。本裝置開始搜索交通資訊電台。“ TP ”表示此類電台的接收。若顯示“NO TP”，本裝置將繼續搜索有 TP 的電台。

要取消所有的交通通告，請使“ TA ”消失。

要	按
取消當前通告	(TA)

提示

- 您也可以通過按 (SOURCE) 或 (MODE) 按鈕取消當前通告。
- 按住本裝置上的 (MODE) 按鈕 2 秒鐘也可以打開/關閉 TA 功能。

預設交通通告的音量

您可以預設交通通告的音量電平，因此不會漏聽。

1 按 (VOL) 調節想要的音量電平。

2 按住 (TA) 2 秒鐘。
出現 “TA”顯示且設定被保存。

收聽緊急通告

若 AF 或 TA 開啓，在收聽 FM 電台，CD/MD 或 AUX 時，若有緊急通告本裝置將切換至緊急通告。

用 AF 和 TA 設定預設 RDS 電台

預設 RDS 電台時，本裝置將保存每個電台的 AF/TA 設定（開啓/關閉）及其頻率。您可以爲單獨的預設電台選擇不同的設定（AF，TA 或兩者），或者爲所有的預設電台選擇相同的設定。如果開啓“ AF ”預設電台，本裝置將自動存儲無線電信號最強的電台。

為所有的預設電台預設相同的設定

1 選擇一個 FM 波段（第 24 頁）。

2 按 (AF) 和/或 (TA) 顯示“ AF ”和/或“ TA ”。
請注意，選擇“ AF ”和“ TA ”將適用於非 RDS 電台，也適用於 RDS 電台。

3 按 (MENU) 按鈕。

4 按 ← 或 → 按鈕選擇 “Edit”。

5 按 (ENTER) 按鈕。

6 按 ↑ 或 ↓ 按鈕選擇 “BTM”。

7 按 (ENTER) 按鈕。

8 按 (MENU) 按鈕。
顯示幕返回至正常顯示。

為每個預設電台預設不同的設定

1 選擇一個 FM 波段，並調入所要的電台（第 26 頁）。

2 按 (AF) 和/或 (TA) 顯示“ AF ”和/或“ TA ”。

3 按所要的數字按鈕（① 至 ⑥），直至顯示 “Memory”。

從步驟 1 重複操作預設其他電台。

通過節目類型調入電台

— PTY

您可以通過選擇想要收聽的節目類型來調入電台。

節目類型	顯示
新聞	News
當前事件	Current Affairs
資訊	Information
運動	Sport
教育	Education
戲劇	Drama
文化	Cultures
科學	Science
變化的	Varied Speech
流行音樂	Pop Music
搖滾樂	Rock Music
輕鬆地收聽	Easy Listening
輕鬆的古典音樂	Light Classics M
古典的	Serious Classics
其他音樂類型	Other Music
天氣	Weather & Metr
金融	Finance
兒童節目	Children's Progs
社會事件	Social Affairs
宗教	Religion
呼入	Phone In
旅遊	Travel & Touring
休閒	Leisure & Hobby
爵士樂	Jazz Music
鄉村音樂	Country Music
民族音樂	National Music
老歌	Oldies Music
民間音樂	Folk Music
記錄片	Documentary

注意

在某些沒有可使用的 PTY（節目類型選擇）資料的國家無法使用此功能。

1 在接收 FM 時按 (PTY) 按鈕。

如果該電台正在發送 PTY 資料，則顯示當前的節目類型名稱。
如果接收的電台爲非 RDS 電台，或未接收到 RDS 資料，則出現 “--------” 顯示。

2 反覆按 ↑ 或 ↓ 按鈕，選擇所需要的節目類型。
節目類型以上表所示的順序顯示。
如果 RDS 資料未指定節目類型，則顯示 “--------”。

3 按 (ENTER) 按鈕。
本裝置開始搜索正在廣播選定節目類型的電台。

自動設定時鐘

— CT

從 RDS 傳送的 CT （時鐘時間）資料自動設定時鐘。

1 按 (MENU) 按鈕。

2 反覆按 ← 或 → 按鈕選擇 “Setup”。

3 按 (ENTER) 按鈕。

4 反覆按 ↑ 或 ↓ 按鈕選擇 “CT”。

5 按 (ENTER) 按鈕。

6 反覆按 ↑ 或 ↓ 按鈕選擇 “ON”。
時鐘被設定。

7 按 (ENTER) 按鈕。
顯示幕返回至頂部選單顯示。

8 按 (MENU) 按鈕。
顯示幕返回至正常顯示。

要取消 CT 功能，在步驟 6 中選擇 “OFF”。

注意

- 即使正在收聽 RDS 電台，CT 功能也可能不起作用。
- 用 CT 功能設定的時間可能與實際時間有差異。

圖像設定

自訂壁紙

— Wall Paper （**標準 / 全景 / 壁紙模式**）

您可以將儲存在 “Memory Stick” 中的靜態圖像作壁紙顯示。

您設定的圖像資料將儲存在本裝置中。

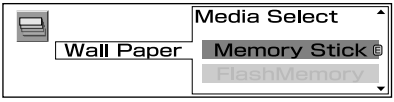
要在本裝置中顯示預先儲存的圖像，請參見第 13 頁 “選擇顯示模式和顯示方式” 。

1 插入 “Memory Stick”（第 10 頁）。

2 按 (GRAPHIC) 按鈕

3 反覆按 ← 或 → 按鈕選擇 “Wall Paper”。
每按一次 ← 或 → 按鈕，項目如下改變：
Wall Paper ↔ Panorama ↔ Jacket Pic ↔ ClipMotion ↔ Slide Show ↔ Picture Del ↔ Char Setup

4 按 (ENTER) 按鈕。



5 按 ↑ 或 ↓ 按鈕選擇 “Memory Stick”。
如果想要改變先前儲存圖像 * 的顯示類型，選擇 “FlashMemory”。
* 您只能改變在步驟 11-❸ 中儲存的整個圖像。

6 按 (ENTER) 按鈕。
如果您在步驟 5 中選擇 “FlashMemory”，則跳到步驟 9。

續下頁 →

7 反覆按 ↑ 或 ↓ 按鈕選擇要設定圖像的位置或類型。

Save： 將 “Memory Stick”第一層中的所有圖像儲存爲壁紙。此時，無法調整圖像或選擇顯示類型。如果儲存的圖像尺寸爲 400 × 96 點，則您可以使用此功能一次儲存數張圖像。

儲存圖像時如果按 (GRAPHIC) 按鈕，儲存將被取消。

PictureSelect： 如果您想要設定的圖像在 “Memory Stick”的第一層，請選擇此項。

Cyber-shot： 如果您想設定用選購的 Sony 數字照相機電腦拍攝獲得的圖像，選擇此項。

（資料夾名稱）： 當 “Memory Stick”中有資料夾時，顯示資料夾名稱。

8 按 (ENTER) 按鈕。

在步驟 7 選擇資料夾名稱。如果更低層的資料夾中有圖像，重複步驟 7 和 8 選擇包含想要圖像的資料夾。

最多可以設定 “Memory Stick”中第 5 層的圖像。

9 反覆按 ← 或 → 按鈕選擇您要設定的圖像。

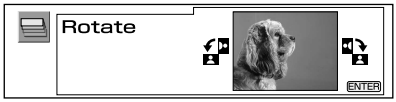
10 按 (ENTER) 按鈕。

如果您在步驟 9 中選擇的圖像尺寸爲 400 × 96 點或更少，則無法調整圖像。此時，跳至步驟 12。

如果您在步驟 5 中選擇 “FlashMemory”，則也跳到步驟 12。

11 調整圖像。

❶反覆按 ← 或 → 按鈕旋轉圖像。



按 ← 朝逆時針方向旋轉，→ 朝順時針方向旋轉。

❷按 (ENTER) 按鈕。

❸反覆按 ↑ 或 ↓ 按鈕確定要顯示圖像的尺寸。

按 ↑ 放大圖像的選定區域或按 ↓ 縮小。

如果要顯示整個圖像，反覆按 ↑ 使圖像的選定區域盡可能大。

❹按 (ENTER) 按鈕。

如果在步驟 11-❸ 選擇整個圖像，則跳到步驟 12。

❺反覆按光標按鈕（↑/↓/←/→）選擇要顯示的圖像部分。

❻按 (ENTER) 按鈕。

如果剪切或顯示選擇的圖像區域，則無法在步驟 14 中選擇顯示類型。跳到步驟 16。

12 反覆按 ↑ 或 ↓ 按鈕選擇 “Setup”。

13 按 (ENTER) 按鈕。

14 反覆按 ↑ 或 ↓ 按鈕，選擇所需要的顯示類型。
可以選擇以下 3 種顯示類型之一。
Center: 在顯示幕的中央顯示已經調整好的圖像。

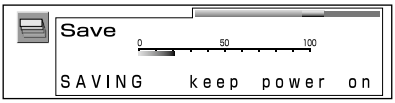
Tile: 水平地顯示選擇的圖像。

Full: 根據顯示幕尺寸調整並顯示選擇的圖像。

15 按 (ENTER) 按鈕。
例如：Tile

16 反覆按 ↑ 或 ↓ 按鈕選擇 “Save”。

17 按 (ENTER) 按鈕。



18 按 (GRAPHIC) 按鈕。
顯示幕返回至正常顯示。
按 (SCREEN) 按鈕轉換爲標準模式或全景 / 壁紙模式。然後顯示已調整壁紙。

標準模式：

全景 / 壁紙模式：

注意

- 您可以如下設定圖像格式：
  JPEG: 1,600 × 1,200 點或更少
  BMP，GIF，PNG: 640 × 480 點或更少
- 設定顯示時本機必須保持開啓狀態。
- 一次可以預覽 100 幅 “Memory Stick”資料夾中的圖像。
- “Memory Stick”中的以下資料夾無法顯示。
  – CONTROL
  – DCIM
  – MSSONY
  – VOICE
  – HIFI
- 如果沒有圖像資料，則在步驟 6 或 8 中，“No Picture”顯示在顯示幕中。
- 依儲存資料的容量而定，儲存時間將不同。在顯示步驟 17 中的資訊時，切勿關閉本裝置。如果您關閉電源，將無法儲存資料。
- 如果本機的容量不足，將顯示 “MEM FULL-delete data” 且無法儲存資料。刪除資料後（第 39 頁），請再次進行設定。

提示

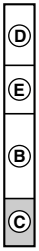
- 本裝置中最多可以儲存 100 張壁紙。
- 如果在步驟 7 中選擇了 “Cyber-shot”，則自動選擇該資料夾。

關於預存 / 使用者存儲區域容量

圖像儲存在 “Wall Paper”使用者區域。

標準模式：

全景 / 壁紙模式：



Ⓐ 預儲存頻譜分析儀
Ⓑ 預儲存壁紙
Ⓒ “Wall Paper”的使用者區域
Ⓓ 預儲存全景圖像
Ⓔ “Panorama”的使用者區域

提示

儲存的圖像可能不按照儲存順序顯示。

設定全景圖像

— Panorama（全景 / 壁紙模式）

滾動顯示 “Memory Stick”中的靜態圖像或在並列顯示。

您設定的圖像資料將儲存在本裝置中。

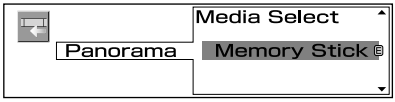
要在本裝置中顯示預先儲存的圖像，請參見第 13 頁 “選擇顯示模式和顯示方式” 。

1 插入 “Memory Stick”（第 10 頁）。

2 按 (GRAPHIC) 按鈕。

3 反覆按 ← 或 → 按鈕選擇 “Panorama”。
每按一次 ← 或 → 按鈕，項目如下改變：
Wall Paper ↔ Panorama ↔ Jacket Pic ↔ ClipMotion ↔ Slide Show ↔ Picture Del ↔ Char Setup

4 按 (ENTER) 按鈕。



5 再次按 (ENTER) 按鈕。

6 反覆按 ↑ 或 ↓ 按鈕選擇要設定圖像的位置或類型。
Picture Select：如果您想要設定的圖像在 “Memory Stick”的第一層中，選擇此項。
Cyber-shot：如果您想設定用選購的 Sony 數字照相機電腦拍攝獲得的圖像，選擇此項。
（資料夾名稱）：當 “Memory Stick”中有資料夾時，顯示資料夾名稱。

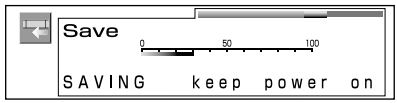
7 按 (ENTER) 按鈕。
在步驟 6 選擇資料夾名稱。如果更低層的資料夾中有圖像，重複步驟 6 和 7 選擇包含想要圖像的資料夾。
最多可以設定 “Memory Stick”中第 5 層的圖像。

8 反覆按 ← 或 → 按鈕選擇您要設定的圖像。

9 按 (ENTER) 按鈕。

顯示類型根據選定圖像的縱寬比自動設定。
1:1 至 1:4 – 並列顯示
超過 1:4 – 水平滾動
低於 1:1 – 垂直滾動

10 再次按 (ENTER) 按鈕。



11 按 (GRAPHIC) 按鈕。
顯示幕返回至正常顯示。
按 (SCREEN) 按鈕轉換爲全景 / 壁紙模式。然後顯示調整後的全景圖像。

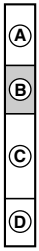
注意

- 您可以如下設定圖像格式：
  JPEG: 1,600 × 1,200 點或更少
- 設定顯示時本機必須保持開啓狀態。
- 一次可以預覽 100 幅 “Memory Stick”資料夾中的圖像。
- “Memory Stick”中的以下資料夾無法顯示。
  – CONTROL
  – DCIM
  – MSSONY
  – VOICE
  – HIFI
- 如果沒有圖像資料，則在步驟 5 或 7 中，“No Picture”顯示在顯示幕中。
- 依儲存資料的容量而定，儲存時間將不同。在顯示步驟 10 中的資訊時，切勿關閉本裝置。如果您關閉電源，將無法儲存資料。
- 如果本機的容量不足，將顯示 “MEM FULL-delete data”且無法儲存資料。刪除資料後（第 39 頁），請再次進行設定。

提示

- 本裝置中最多可以儲存 100 張全景圖像。
- 如果在步驟 6 中選擇了 “Cyber-shot”，則自動選擇該資料夾。

關於預存 / 使用者存儲區域容量
圖像儲存在 “Panorama” 使用者區域



Ⓐ 預儲存全景圖像
Ⓑ “Panorama” 的使用者區域
Ⓒ 預儲存壁紙
Ⓓ “Wall Paper” 的使用者區域

提示
儲存的圖像可能不按照儲存順序顯示。

設定封套圖像

— Jacket Pic （標準模式）

您可以爲每張光碟儲存和設定一個喜愛的圖像。您也可以在標準模式的音源顯示區域顯示此圖像。

您設定的圖像資料將儲存在本裝置中。

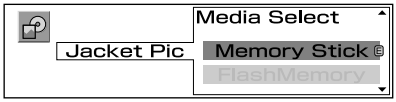
1 插入 “Memory Stick”（第 10 頁）。

2 開始播放想要設定封套圖像的光碟。

3 按 (GRAPHIC) 按鈕。

4 反覆按 ← 或 → 按鈕選擇 “Jacket Pic”。
每按一次 ← 或 → 按鈕，項目如下改變：
Wall Paper ↔ Panorama ↔ Jacket Pic ↔ ClipMotion ↔ Slide Show ↔ Picture Del ↔ Char Setup

5 按 (ENTER) 按鈕。



6 按 ↑ 或 ↓ 按鈕選擇 “Memory Stick”。
如果想要改變先前儲存圖像的顯示類型，選擇 “FlashMemory”。

7 按 (ENTER) 按鈕。
如果您在步驟 6 中選擇 “FlashMemory”，則跳到步驟 10。

8 反覆按 ↑ 或 ↓ 按鈕選擇要設定圖像的位置或類型。
Picture Select：如果您想要設定的圖像在 “Memory Stick” 的第一層中，選擇此項。
Cyber-shot：如果您想設定用選購的 Sony 數字照相機電腦拍攝獲得的圖像，選擇此項。
（資料夾名稱）：當 “Memory Stick” 中有資料夾時，顯示資料夾名稱。

9 按 (ENTER) 按鈕。
在步驟 8 選擇資料夾名稱。如果更低層的資料夾中有圖像，重複步驟 8 和 9 選擇包含想要圖像的資料夾。
最多可以設定 “Memory Stick” 中第 5 層的圖像。

續下頁 →

10 反覆按 ← 或 → 按鈕選擇您要設定的圖像。

11 按 (ENTER) 按鈕。

12 反覆按 ↑ 或 ↓ 按鈕選擇 “Setup”。

13 按 (ENTER) 按鈕。

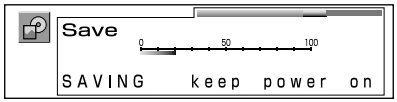
14 按 ↑ 或 ↓ 按鈕，選擇所需要的顯示類型。
您可以選擇下列 2 種顯示類型之一。
Normal：顯示在步驟 10 中選擇的圖像。

Just：根據顯示幕尺寸調整並顯示選擇的圖像。

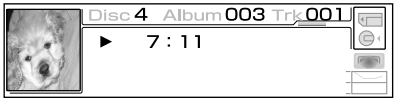
15 按 (ENTER) 按鈕。
例如：Just

16 反覆按 ↑ 或 ↓ 按鈕選擇 “Save”。

17 按 (ENTER) 按鈕。



18 按 (GRAPHIC) 按鈕。
顯示幕返回至正常顯示。
按 (SCREEN) 按鈕轉換爲標準模式。



注意

- 您可以如下設定圖像格式：
  JPEG: 1,600 × 1,200 點或更少
  BMP，GIF，PNG: 640 × 480 點或更少
- 一次可以預覽 100 幅 “Memory Stick” 資料夾中的圖像。
- “Memory Stick” 中的以下資料夾無法顯示。
  – CONTROL
  – DCIM
  – MSSONY
  – VOICE
  – HIFI
- 如果沒有圖像資料，則在步驟 7 或 9 中，“No Picture” 顯示在顯示幕中。
- 依儲存資料的容量而定，儲存時間將不同。在顯示步驟 17 中的資訊時，切勿關閉本裝置。如果您關閉電源，將無法儲存資料。
- 如果本機的容量不足，將顯示 “MEM FULL-delete data” 且無法儲存資料。刪除資料後 (第 39 頁)，請再次進行設定。

提示

- 本裝置中最多可以儲存 100 張封套畫面。
- 如果在步驟 8 中選擇了 “Cyber-shot”，則自動選擇該資料夾。

設定剪切動畫

— ClipMotion （標準模式）

您可以爲每個音源儲存喜愛的 GIF 圖像或 GIF 動畫檔案，並在標準模式中的音源顯示區域顯示。

您設定的圖像資料將儲存在本裝置中。

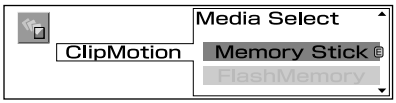
1 插入 “Memory Stick”（第 10 頁）。

2 選擇要設定剪切動畫的音源（收音機、CD、MD、MS 或 AUX）。

3 按 (GRAPHIC) 按鈕。

4 反覆按 ⬅ 或 ➡ 按鈕選擇 “ClipMotion”。
每按一次 ⬅ 或 ➡ 按鈕，項目如下改變：
Wall Paper ⟷ Panorama ⟷ Jacket Pic ⟷ ClipMotion ⟷ Slide Show ⟷ Picture Del ⟷ Char Setup

5 按 (ENTER) 按鈕。



6 按 ⬆ 或 ⬇ 按鈕選擇 “Memory Stick”。
如果想要改變先前儲存圖像的顯示類型，選擇 “FlashMemory”。

7 按 (ENTER) 按鈕。
如果您在步驟 6 中選擇 “FlashMemory”，則跳到步驟 8。

8 反覆按 ⬆ 或 ⬇ 按鈕選擇要設定圖像的位置或類型。
Picture Select：如果您想要設定的圖像在 “Memory Stick”的第一層中，選擇此項。
Cyber-shot：如果您想設定用選購的 Sony 數字照相機電腦拍攝獲得的圖像，選擇此項。
（資料夾名稱）：當 “Memory Stick”中有資料夾時，顯示資料夾名稱。

9 按 (ENTER) 按鈕。
在步驟 8 選擇資料夾名稱。如果更低層的資料夾中有圖像，重複步驟 8 和 9 選擇包含想要圖像的資料夾。
最多可以設定 “Memory Stick”中第 5 層的圖像。

10 反覆按 ⬅ 或 ➡ 按鈕選擇您要設定的圖像。

11 按 (ENTER) 按鈕。

12 反覆按 ⬆ 或 ⬇ 按鈕選擇 “Setup”。

13 按 (ENTER) 按鈕。

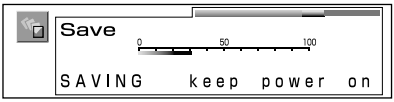
14 按 ⬆ 或 ⬇ 按鈕，選擇所需要的顯示類型。
您可以選擇下列 2 種顯示類型之一。
Normal：顯示在步驟 10 中選擇的圖像。

Just：根據顯示幕尺寸調整並顯示選擇的圖像。

15 按 (ENTER) 按鈕。
例如：Just

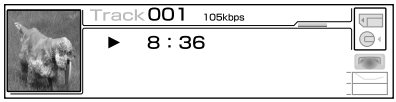
16 反覆按 ⬆ 或 ⬇ 按鈕選擇 “Save”。

17 按 (ENTER) 按鈕。



續下頁 →

18 按 (GRAPHIC) 按鈕。
顯示幕返回至正常顯示。
按 (SCREEN) 按鈕轉換爲標準模式。



注意
- 您可以如下設定圖像格式：
  GIF：160 × 120 點或更少
- 最多可以顯示 GIF 動畫的 10 幅畫面（如果圖像尺寸爲 84 × 84 點或更少，最多可以顯示 20 幅）。
- 如果設定了封套畫面（第 35 頁），則不顯示剪切畫面。
- 一次可以預覽 100 幅 “Memory Stick”的資料夾中的圖像。
- “Memory Stick”中的以下資料夾無法顯示。
  – CONTROL
  – DCIM
  – MSSONY
  – VOICE
  – HIFI
- 如果沒有圖像資料，則在步驟 7 或 9 中，“No Picture”顯示在顯示幕中。
- 依儲存資料的容量而定，儲存時間將不同。在顯示步驟 17 中的資訊時，切勿關閉本裝置。如果您關閉電源，將無法儲存資料。
- 如果本機的容量不足，將顯示 “MEM FULL-delete data”且無法儲存資料。刪除資料後（第 39 頁），請再次進行設定。

提示
- 本裝置中最多可以儲存 16 張剪切畫面。
- 如果在步驟 8 中選擇了“Cyber-shot”，則自動選擇該資料夾。
- 刪除儲存的圖像顯示預設音源圖標。

幻燈片放映圖像

— Slide Show（幻燈片放映模式）

像幻燈片放映一樣滾動顯示 “Memory Stick”中的靜態圖像。（該資料將被儲存。）

1 插入 “Memory Stick”（第 10 頁）。

2 按 (GRAPHIC) 按鈕。

3 反覆按 ←或→按鈕選擇“Slide Show”。
每按一次 ← 或 → 按鈕，項目如下改變：
Wall Paper ↔ Panorama ↔ Jacket Pic ↔ ClipMotion ↔ Slide Show ↔ Picture Del ↔ Char Setup

4 按 (ENTER) 按鈕。

5 反覆按 ↑或↓按鈕選擇要設定圖像的資料夾。
FolderSelect：選擇包含您想要設定圖像的資料夾。
Cyber-shot：如果您想設定用選購的 Sony 數字照相機電腦拍攝獲得的圖像，選擇此項。
OFF：將幻燈片放映模式設爲 OFF。

6 按 (ENTER) 按鈕。
在步驟 5 選擇 “FolderSelect”。如果更低層的資料夾中有圖像，重複步驟 5 和 6 選擇包含想要圖像的資料夾。
最多可以設定“Memory Stick”中第 5 層的圖像。

7 按 (GRAPHIC) 按鈕。
顯示幕進入幻燈片放映模式，然後開始幻燈片放映。

注意
- 您可以如下設定圖像格式：
  JPEG：1,600 × 1,200 點或更少
  BMP，GIF，PNG：640 × 480 點或更少
- 只能在播放或接收音源時設定該顯示。
- 您最多可以爲每個資料夾選擇 100 幅畫面。
- “Memory Stick”中的以下資料夾無法顯示。
  – CONTROL
  – DCIM
  – MSSONY
  – VOICE
  – HIFI
- 如果沒有圖像資料，則在步驟 6 中，“No Picture”顯示在顯示幕中。
- 設定結束後如果取出 “Memory Stick”，則顯示返回至時鐘模式。

刪除圖像資料

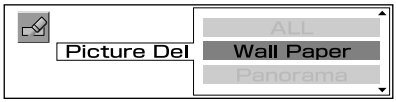
— Picture Del

本裝置無法儲存容量超過 2 MB 的圖像。

1 按 (GRAPHIC) 按鈕。

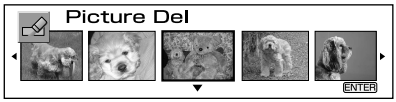
2 反覆按← 或 →按鈕選擇 “Picture Del”。
每按一次 ← 或 → 按鈕，項目如下改變：
Wall Paper ↔ Panorama ↔ Jacket Pic ↔ ClipMotion ↔ Slide Show ↔ Picture Del ↔ Char Setup

3 按 (ENTER) 按鈕。

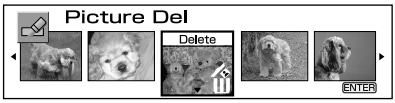


4 反覆按 ↑ 或 ↓ 選擇要刪除的圖像所在的模式。
如果刪除所有儲存的圖像資料，請選擇 “ALL” 並跳到步驟 7。

5 按 (ENTER) 按鈕。



6 反覆按 ← 或 → 按鈕選擇您要刪除的圖像並按 ↓。

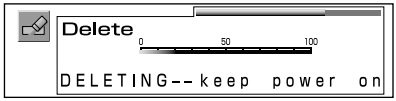


按 ↓ 按鈕，資源回收筒顯示在選定圖像的底側。
要停止刪除選定的圖像，反覆按 ← 或 → 選擇想要的圖像，然後按 ↑。
要刪除更多的圖像，重複步驟 6 中的操作。

7 按 (ENTER) 按鈕。

8 反覆按 ↑ 或 ↓ 按鈕選擇 “YES”。
要取消，選擇 “NO”。

9 按 (ENTER) 按鈕。



刪除結束後，顯示幕返回至圖形頂部選單顯示。

10 按 (GRAPHIC) 按鈕。
顯示幕返回至正常顯示。

注意

- 無法刪除本裝置中預先儲存的圖像。
- 刪除圖像資料時本機必須保持開啓狀態。
- 請注意：圖像一旦刪除就無法恢復。
- 依刪除資料的容量而定，刪除時間將不同。在顯示步驟 9 中的資訊時，切勿關閉本裝置。如果您關閉電源，將無法完全刪除資料。
- 在刪除資料中如果按任何按鈕，則刪除被取消且資料將無法完全刪除。

提示

您最多可儲存下列數量的圖像：
壁紙： 最多 100
全景： 最多 100
封套圖像：最多 100
剪切動畫：最多 16

設定顯示字符

— Char Setup（頻譜分析儀 / 全景 / 壁紙 / 螢幕節能 / 幻燈片放映模式）

改變顯示字符的半透明比率可調整顯示幕的可見度。

使顯示字符自動消失 （Auto Clear）

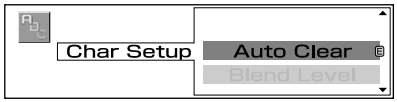
在頻譜分析儀 / 全景 / 壁紙 / 螢幕節能 / 幻燈片放映模式中可以使顯示字符消失片刻。當設定爲 ON 時，只有當光碟、文件夾或軌跡改變或者音源或顯示模式改變時才顯示顯示字符。您可以欣賞全屏畫面。

1 播放或接收音源 （收音機、CD、MS、MD 或 AUX）。

2 按 (GRAPHIC) 按鈕。

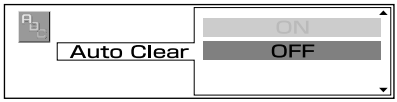
3 反覆按 ⬅或➡按鈕選擇“Char Setup”。
每按一次 ⬅ 或 ➡ 按鈕，項目如下改變：
Wall Paper ⟷ Panorama ⟷ Jacket Pic ⟷ ClipMotion ⟷ Slide Show ⟷ Picture Del ⟷ Char Setup

4 按 (ENTER) 按鈕。



5 按 ⬆ 或 ⬇ 按鈕選擇 “Auto Clear”。

6 按 (ENTER) 按鈕。



7 反覆按 ⬆ 或 ⬇ 按鈕選擇 “ON”。

8 按 (ENTER) 按鈕。

9 按 (GRAPHIC) 按鈕。
顯示幕返回至正常顯示。

注意

在標準 / 時鐘模式中，您無法讓顯示字符自動消失。

改變顯示字符的半透明比率 （Blend Level）

您可以在頻譜分析儀 / 全景 / 壁紙 / 螢幕節能 / 幻燈片放映模式種設定字符的半透明比率 （色濃度）。

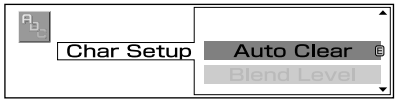
降低此等級，可以調整顯示幕中的字符使之變暗。

1 播放或接收音源 （收音機、CD、MS、MD 或 AUX）。

2 按 (GRAPHIC) 按鈕。

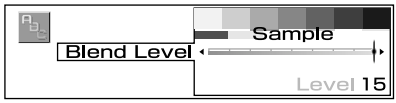
3 反覆按 ⬅或➡按鈕選擇“Char Setup”。
每按一次 ⬅ 或 ➡ 按鈕，項目如下改變：
Wall Paper ⟷ Panorama ⟷ Jacket Pic ⟷ ClipMotion ⟷ Slide Show ⟷ Picture Del ⟷ Char Setup

4 按 (ENTER) 按鈕。



5 按 ⬆ 或 ⬇ 選擇 “Blend Level”。

6 按 (ENTER) 按鈕。



7 按 ⬅或➡ 選擇滲透比率 (Level 0–15)。
等級越低，顯示字符越黯淡。

8 按 (ENTER) 按鈕。

9 按 (GRAPHIC) 按鈕。
顯示幕返回至正常顯示。

注意

- 在標準/時鐘模式中，您無法改變顯示字符的半透明比率。
- 將 “Auto Clear”設定爲 “ON”（第 40 頁），則無法改變顯示字符的半透明比率。

其它功能

調節聲音特性

您可以調節低音、高音、平衡、音量衰減和超低音揚聲器的音量。

1 按 (SOURCE) 選擇音源 (收音機、CD、MD、MS 或 AUX)。

2 按 (SOUND) 按鈕。

3 反覆按 ← 或 → 按鈕選擇您要調整的項目。
每按一次 ← 或 → 按鈕，項目如下改變:
DSO ↔ EQ7 ↔ Bass ↔ Treble
↔ Balance (**左－右**)
↔ Fader (**前－後**)
↔ SubWoofer (**低音揚聲器音量**)

4 按 (ENTER) 按鈕。

5 按 ← 或 → 按鈕，調節所選擇項目。

6 按 (ENTER) 按鈕。

快速降低音量

按 (ATT) 按鈕。
"ATT" 在顯示幕上顯示片刻。

要恢復原先的音量電平時，請再按一次 (ATT) 按鈕。

提示

當車載電話的連接電纜連接在 ATT 導線上，則在有電話打入時本機會自動減小音量（電話 ATT 功能）。

改變音響和顯示設定

— **選單**

您可設定以下項目：

Setup

- Clock （第 18 頁）
- CT （時鐘時間）（第 31 頁）
- Beep — 打開或關閉 "嘟嘟" 警告聲。
- AUX Skip*1（第 46 頁）打開或關閉 AUX 音源顯示。
- MS Auto （第 20 頁）

顯示

- Dimmer — 改變顯示幕亮度。
  – 選擇 "AUTO"，僅在打開汽車照明時使顯示幕變暗。
  – 選擇 "ON" 使顯示幕變暗。
  – 選擇 "OFF" 關閉減光器。
- Contrast — 如果由於本裝置的安裝位置而導致顯示幕上的指示無法識別，則用來調整對比度。
- AutoScrol1*2
  – 選擇 "ON" 滾動所有自動顯示的名稱。
  – 當 "AutoScrol1" 功能設爲 "OFF"，光碟 / 軌跡名稱改變時，光碟 / 軌跡名稱不會滾動顯示。

PlayMode

- Local （本地搜索模式）（第 25 頁）
  – 選 "ON" 則只調入信號較強的電台。
- Mono （單聲道模式）（第 25 頁）
  – 選 "ON" 則以單聲道收聽 FM 立體聲廣播。選擇 "OFF" 則返回正常模式。
- Regional （第 28 頁）

續下頁 →

SoundTuning

- EQ7 Tune（第 43 頁）— 調整均衡器曲線。
- HPF （高通濾波器）（第 44 頁）
- LPF （低通濾波器）（第 45 頁）
- Loudness — 在處於低音量時仍能欣賞到低音和高音。低音和高音將被增強。
- AUX Level*3（第 45 頁）— 調節連接的輔助設備的音量電平。

*1 只有當按 (OFF) 顯示時鐘時顯示。
*2 只有當播放 CD、MS、或 MD 時顯示。
*3 音源爲 AUX 時顯示。

注意

只有未連接選購的 CD/MD 裝置時，才顯示 “AUX Skip” 和 “AUX Level”。

1 按 (MENU) 按鈕。
要設定 “AutoScroll”，則在 CD/MD/MS 播放過程中按 (MENU) 按鈕。

2 按 ← 或 → 按鈕，選擇所需要的項目。

3 按 (ENTER) 按鈕。

4 反覆按 ↑ 或 ↓ 按鈕，選擇需要調整的項目。

5 按 (ENTER) 按鈕。

6 反覆按 ↑ 或 ↓ 按鈕，選擇所需要的設定（例如：“ON” 或 “OFF”）。

7 按 (ENTER) 按鈕。
顯示幕返回至頂部選單顯示。

8 按 (MENU) 按鈕。
顯示幕返回至正常顯示。

注意

所顯示的項目根據音源不同而有所區別。

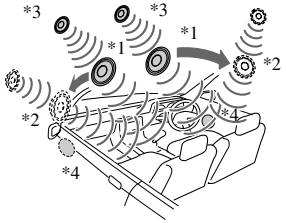
設定動態攝影棚管理器（DSO）

若您的揚聲器裝在車門的較低部位，則聲音將從下面傳出，且可能不清晰。

DSO（動態攝影棚管理器）功能創造出更加環繞的聲音，好似在儀表板內裝有多個揚聲器（虛擬揚聲器）。

您可以爲每個音源存儲 DSO 設定。

DSO 模式和虛擬揚聲器的成像



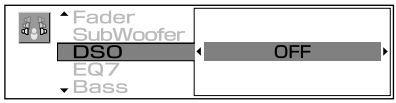
*1 DSO 1
*2 DSO 2
*3 DSO 3
*4 DSO OFF

1 按 (SOURCE) 選擇音源（收音機、CD、MD、MS 或 AUX）

2 按 (SOUND) 按鈕。

3 反覆按 ← 或 → 按鈕選擇 “DSO”。

4 按 (ENTER) 按鈕。



5 反覆按 ← 或 → 選擇 DSO 模式（DSO 1–3）。
若要取消 DSO 功能，請選擇 “OFF”。

6 按 (ENTER) 按鈕。

注意

- 根據不同的汽車內部類型或音樂類型，DSO 功能不一定能得到滿意的效果。
- 如果很難收聽到 FM 廣播，請將 “DSO” 設定於 “OFF”。

提示

DSO 模式的聲音效果隨數字的增加而增加。

設定均衡器 （EQ7）

您可以爲 7 種音樂類型（Xplod、Vocal、Club、Jazz、New Age、Rock 和 Custom）選擇均衡曲線。

您可以爲每個音源調整不同的均衡器設定。

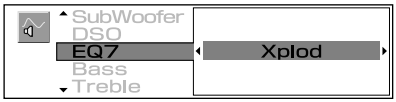
選擇均衡曲線

1 按 (SOURCE) 選擇音源（收音機、CD、MD、MS 或 AUX）

2 按 (SOUND) 按鈕。

3 反覆按 ← 或 → 按鈕選擇 “EQ7”。

4 按 (ENTER) 按鈕。



5 按 ← 或 → 按鈕，選擇均衡器模式。
若要取消均衡效果，請選擇 “OFF”。

6 按 (ENTER) 按鈕。

注意

DSO 開啓時，均衡器設定自動調整以獲得最佳的整體效果。

調節均衡曲線

您可以存儲和調節均衡器設定的頻率和電平。

1 按 (SOURCE) 選擇音源（收音機、CD、MD、MS 或 AUX）

2 按 (MENU) 按鈕。

3 反覆按 ← 或 → 按鈕選擇 “SoundTuning”。

4 按 (ENTER) 按鈕。

5 反覆按 ↑ 或 ↓ 按鈕選擇 “EQ7 Tune”。

6 按 (ENTER) 按鈕。

例如：EQ7 Tune “Xplod”

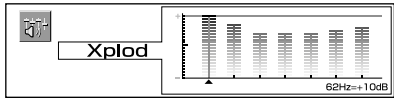
7 反覆按 ↑ 或 ↓ 按鈕，選擇所需的均衡器曲線。

8 按 (ENTER) 按鈕。

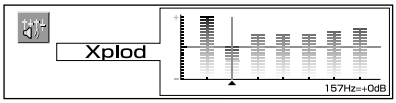
9 選擇您所要的頻率和電平。

❶按 ← 或 → 按鈕，選擇所需要的頻率。
每按一次 ← 或 → 按鈕，頻率便改變。

62 Hz ↔ 157 Hz ↔ 396 Hz
↔ 1000 Hz ↔ 2510 Hz
↔ 6340 Hz ↔ 16000 Hz



❷反覆按 ↑ 或 ↓ 按鈕，調整所要電平。
電平以 1 dB 爲遞級，從 −10 dB 至 +10 dB 進行調節。



如要復原至出廠設定的均衡曲線，請按住 (ENTER) 按鈕持續 2 秒鐘。

❸重複步驟 ❶ 和 ❷ 調整均衡器曲線。

10 按 (ENTER) 按鈕。
效果設定結束後，顯示幕返回至正常顯示。

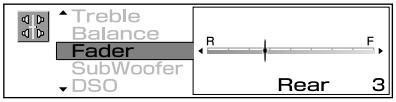
調節前置和後置揚聲器音量

1 按 (SOURCE) 選擇音源（收音機、CD、MD、MS 或 AUX）。

2 按 (SOUND) 按鈕。

3 反覆按 ← 或 → 按鈕選擇 “Fader”。

4 按 (ENTER) 按鈕。

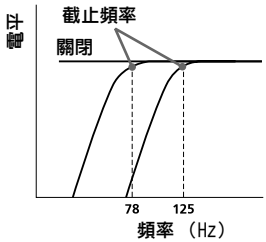


5 反覆按 ← 或 → 按鈕，調節前置 / 後置揚聲器的音量。

6 按 (ENTER) 按鈕。
顯示幕返回至正常顯示。

調節前置 / 後置揚聲器的截止頻率

爲了與所安裝的揚聲器系統特性相匹配，您可以選擇揚聲器的截止頻率。



1 在播放中或無線電接收時，按 (MENU) 按鈕。

2 反覆按 ← 或 → 按鈕選擇 “SoundTuning”。

3 按 (ENTER) 按鈕。

4 反覆按 ↑ 或 ↓ 按鈕選擇 “HPF”。

5 按 (ENTER) 按鈕。

6 反覆按 ↑ 或 ↓ 按鈕，選擇截止頻率。
每按一次 ↑ 或 ↓ 按鈕，頻率如下改變：
OFF（預設設定）↔ 78 Hz ↔ 125 Hz

7 按 (MENU) 按鈕。
頻率設定結束後，顯示幕返回至正常顯示。

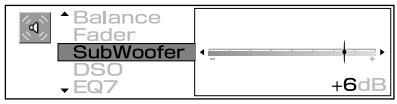
調節超低音揚聲器音量

1 按 (SOURCE) 選擇音源（收音機、CD、MD、MS 或 AUX）。

2 按 (SOUND) 按鈕。

3 反覆按 ← 或 → 按鈕選擇 “SubWoofer”。

4 按 (ENTER) 按鈕。



5 反覆按 ← 或 → 調節音量。

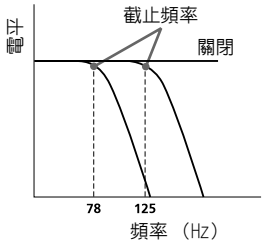
6 按 (ENTER) 按鈕。
顯示幕返回至正常顯示。

提示

音量電平在 –10 dB 至 +10 dB 之間可調。（低於 –10 dB 時，顯示 “– ∞ dB”）。

調節超低音揚聲器截止頻率

爲了與所連接的超低音揚聲器特性相匹配，您可以截斷不需要的高頻和中頻訊號進入超低音揚聲器。通過設定截止頻率（見下圖），超低音揚聲器將僅輸出低頻訊號，以獲得更清晰的聲音。



1 在播放中或無線電接收時，按 (MENU) 按鈕。

2 反覆按 ← 或 → 按鈕選擇 “SoundTuning”。

3 按 (ENTER) 按鈕。

4 反覆按 ↑ 或 ↓ 按鈕選擇 “LPF”。

5 按 (ENTER) 按鈕。

6 反覆按 ↑ 或 ↓ 按鈕，選擇截止頻率。
每按一次 ↑ 或 ↓ 按鈕，頻率如下改變：
OFF（預設設定）↔ 125 Hz ↔ 78 Hz

7 按 (MENU) 按鈕。
頻率設定結束後，顯示幕返回至正常顯示。

連接輔助音響設備

本機的 AUX IN （外部音頻輸入）端子也用作 BUS AUDIO IN （音頻輸入）端子。

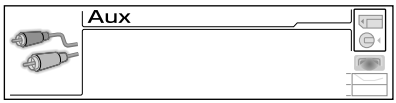
通過連接一個選購的 Sony 便攜式裝置，您可以從汽車揚聲器收聽聲音。

注意

如果連接了一個選購的 Sony CD/MD 裝置，則您不能再連接任何便攜式裝置，並且不能選擇 “AUX”。

選擇輔助設備

反覆按 (SOURCE) 按鈕，選擇 “AUX”。



調節音量電平

您可以爲連接的各音響設備調節音量。

1 按 (MENU) 按鈕。

2 反覆按 ← 或 → 按鈕選擇 “SoundTuning”。

3 按 (ENTER) 按鈕。

4 反覆按 ↑ 或 ↓ 按鈕選擇 “AUX Level”。

5 按 (ENTER) 按鈕。

6 反覆按 ← 或 → 調節音量電平。
音量電平以 1 dB 爲遞級，從 −6 dB 至 +6 dB 進行調節。

7 按 (ENTER) 按鈕。
顯示幕返回至頂部選單顯示。

8 按 (MENU) 按鈕。
顯示幕返回至正常顯示。

續下頁 →

要關閉音樂源顯示中的輔助裝置

1 按 (OFF) 按鈕。
CD/MS/MD 播放或無線電接收停止（按鈕照明和顯示仍保留）。

2 按 (MENU) 按鈕。

3 反覆按 ← 或 → 按鈕選擇 “Setup”。

4 按 (ENTER) 按鈕。

5 反覆按 ↑ 或 ↓ 按鈕選擇 “AUX Skip”。

6 按 (ENTER) 按鈕。

7 按 ↓ 按鈕選擇 “ON”。

8 按 (MENU) 按鈕。

要恢復指示，選擇 “AUX Skip OFF”。

設定安全代碼

本裝置有一個安全功能以防被盜竊。輸入一個四位數作爲安全代碼。

如果設定了安全代碼，在另外一輛汽車上重新安裝或更換電池後需輸入儲存代碼打開本裝置。

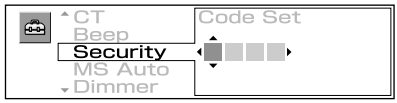
1 按 (MENU) 按鈕。

2 反覆按 ← 或 → 按鈕選擇 “Setup”。

3 按 (ENTER) 按鈕。

4 反覆按 ↑ 或 ↓ 按鈕選擇 “Security”。

5 按 (ENTER) 按鈕。
顯示 Code Set。



❶反覆按 ↑ 或 ↓ 輸入第一位數字 (0-9)。

❷按 → 按鈕將光標移動至第二位數字，然後反覆按 ↑ 或 ↓ 按鈕輸入第二位數字。
每按一次 ↑ 按鈕數字上升，每按一次 ↓ 按鈕數字降低。

❸重複步驟 ❷ 輸入第三位和第四位數字。

6 按 (ENTER) 按鈕。
顯示 Check Code。

7 反覆按 ↑ 或 ↓ 按鈕選擇 “YES”。

8 按 (ENTER) 按鈕。
顯示幕返回至正常顯示。

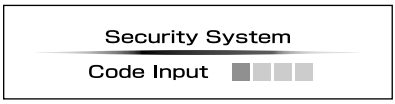
注意

- 無法用數字按鈕 (1-6) 輸入此安全代碼。
- 切勿忘記您的安全代碼。
- 如果在步驟 7 中選擇 “NO” 並按 (ENTER) 按鈕，則顯示返回步驟 5 中的 Code Set 顯示。

安全代碼設定結束後

如果在另一輛汽車上重新安裝本裝置或更換電池，打開本裝置電源後將出現 Check Code 顯示。用光標按鈕（↑/↓/→）輸入您的 4 位數代碼，然後按 ENTER 按鈕。

顯示 Code Input

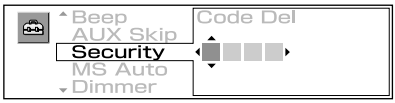


OK：返回至日曆 / 時鐘顯示。
NG：顯示 “CODE ERROR”訊息。
用光標按鈕輸入正確的代碼。

取消安全代碼

重複步驟 1 至 4 “設定安全代碼”（出現 Code Del 顯示）。用光標按鈕（↑/↓/→）輸入您儲存的代碼，並按 ENTER 按鈕。

Code Del 顯示



OK：返回至正常顯示。
NG：顯示 “CODE ERROR”訊息。
用光標按鈕輸入正確的代碼。

注意

除了刪除儲存的代碼外，您無法改變安全代碼。

提示

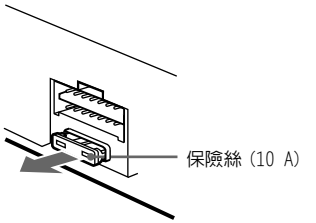
如果未儲存安全代碼，則不出現 Code Del 顯示。

附加資訊

保養

更換保險絲

更換保險絲時，必須確保所使用的保險絲與原保險絲的安培數相同。若保險絲燒斷，請檢查電源連接並再更換保險絲。若保險絲更換後又被燒斷，則可能是內部故障。此時，請向最近的 Sony 經銷商諮詢。



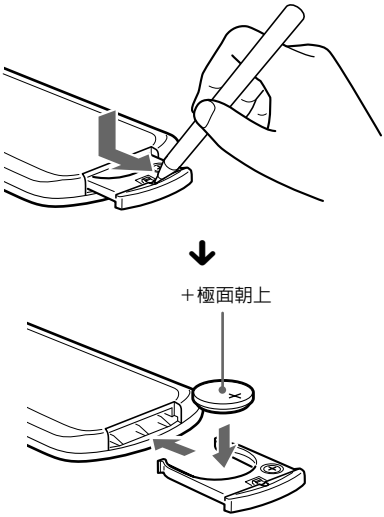
警告

切勿使用額定安培數超過本機附帶保險絲安培數的保險絲，否則會損壞本機。

續下頁 →

更換鋰電池

一般情況下，電池能維持大約 1 年的時間。（根據使用狀況，使用壽命可能會變短一些。）當電池的電力變弱時，卡片式遙控器的操作距離將變短。換上新的 CR2025 鋰電池。使用其他電池可能有引起火災或爆炸的危險。



鋰電池的註意事項

- 鋰電池應放在兒童不易觸及的地方。萬一誤吞了電池，請立即找醫生。
- 用乾布擦拭電池，以保持接觸良好。
- 安裝電池時，必須保証極性正確。
- 別用金屬鑷子去夾電池，否則會引起短路。

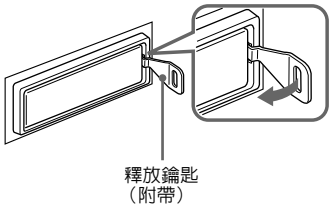
警告

電池處置不當會引起電池爆炸。
切勿對電池充電，拆解或投入火中。

拆卸本機

1 拆卸前蓋

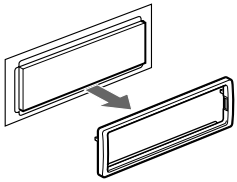
❶用釋放鑰匙（附帶）按下前蓋內的夾片，並輕輕地撬開前蓋。



注意

爲了保護本裝置的表面，當插入釋放鑰匙時請在釋放鑰匙和裝置之間插入一塊薄布。

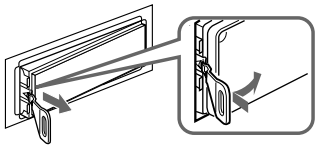
❷對左側重複步驟 ❶。



前蓋被拆下。

2 拆卸本機

❶使用釋放鑰匙推入本機左側的鎖緊搭扣，然後拉出本機左側，直至鎖緊搭扣脫離安裝位置。



❷對右側重複步驟 ❶。

❸將本機從安裝位置滑出。

注意

拆卸本裝置之前請務必關閉前面板。如果前面板打開則可能傷害您的手指。

使用前注意事項

- 倘若您的汽車停在直射陽光下，則在操作前須先使本機充分冷卻。
- 本機運行時電動天線將自動伸出。
- 在駕駛中，切勿使用 CUSTOM FILE 功能或任何其他可能分散您對路況注意力的功能。
- 請勿讓水滴入或其他異物落入光碟托架，否則將引起火災或故障。

若您有什麼關於本機的問題或困難，而本說明書沒有提及，請向您附近的 Sony 經銷商諮詢。

濕氣凝結

在雨天或非常潮濕的地區，本機的透鏡和顯示幕內會產生濕氣凝結。一旦如此，本機將無法正常運行。此時，請將光碟取出，並等待約一小時，直至濕氣蒸發。

為保持高品質聲音

時刻當心，切勿將果汁或其它飲料濺在本機或光碟上。

關於 CD 透鏡

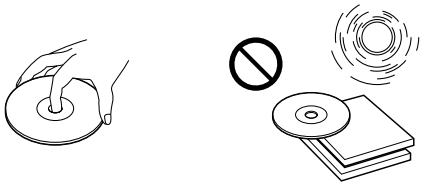
- 請勿觸摸光碟托架內的透鏡。
- 請勿使用市售的透鏡清潔劑。

關於液晶顯示器

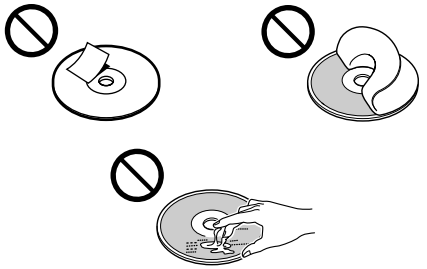
- 請勿用力按壓液晶顯示器。否則可能導致傷害或損壞顯示幕。
- 液晶顯示器上可能會出現亮點（紅色，藍色或綠色）或黑點。這不是故障。本液晶顯示器採用高精度技術製造，99.99 % 以上的像素是完整的。但是，很少的像素可能會顯示上述現象。

光碟注意事項

- 爲保持光碟清潔，切勿觸摸表面。拿取光碟時請持其邊緣。
- 不使用時請將光碟裝入光碟盒或光碟匣內。切勿使光碟受到熱源 / 高溫的影響。避免將光碟遺留在停泊的車廂內或儀表盤 / 後托架上。



- 切勿貼標籤，或使用帶有黏性墨水/殘留物的光碟。這類光碟在使用時會停止轉動，從而造成故障或毀壞光碟。



- 請勿使用任何帶有標籤或貼紙的光碟，因爲貼紙或標籤的熱漲冷縮引起光碟變形可能導致無法正確地讀取音頻資料（例如，播放跳躍或不播放）。
- 本機不能播放非標準形狀的光碟（如，心型，正方形，星型）。若試圖播放此類光碟，則可能損壞本機。切勿使用此類光碟。
- 在播放之前，請用市售清潔布清潔光碟。從光碟的中心向外擦拭。切勿使用酒精、稀釋劑、市場銷售的清潔劑以及用於留聲機唱片的抗靜電噴霧劑等溶劑。

續下頁 →

關於 CD-R（可重新錄製 CD）/CD-RW（可重寫 CD）

本裝置能夠播放以下光碟：

光碟類型	光碟上的標籤
音頻 CD	
MP3 檔案	

- 本機可能無法播放某些 CD-R/CD-RW 光碟（視光碟錄製時所用設備或光碟狀況而定）。
- 本機無法播放尚未最終化 * 的 CD-R/CD-RW 光碟。
- 您可以播放錄製在 CD-ROM，CD-R 和 CD-RW 上的 MP3 檔案。
- 可以播放能添加話路的 CD-R/CD-RW 。

* 爲使錄製的 CD-R/CD-RW 光碟能在音頻 CD 播放機上播放而必需的一個處理過程。

關於 MP3 檔案

MP3（MPEG 1 Audio Layer-3）是一項用於壓縮聲音順序的標準技術和格式。可將檔案壓縮到約爲原大小的 1/10。超出人的聽覺範圍的聲音被壓縮，而我們能聽到的聲音未被壓縮。

光碟注意事項

您可以播放錄製在 CD-ROM，CD-R，和 CD-RW 上的 MP3 檔案。

光碟必須是 ISO 9660*1 1eve1 1 或 1eve1 2 格式，或是擴展格式中的 Joliet 或 Romeo。您可以使用以 Multi Session*2 錄製的光碟。

*1 **ISO 9660 格式**

用於 CD-ROM 上的檔案和資料夾邏輯格式的最普通國際標準。

有幾個規格等級。在 Leve1 1 中，檔案名稱必須是 8.3 格式（名稱不能超過 8 個字符，擴展名“.MP3”中不能超過 3 個字符）且爲大寫字母。資料夾名稱不能超過 8 個字符。不能有超過 8 個資料夾嵌套等級。Leve1 2 規格允許檔案名稱最多爲 31 個字符。

每個資料夾最多能有 8 棵樹級。

對於擴展格式中的 Joliet 或 Romeo 格式，請確認寫入軟體等的容量。

*2 **Multi Session**

這是一種採用 Track-At-Once 方法，增加資料的錄製方法。普通 CD 從稱爲 Lead-in 的 CD 控制區開始，並在稱爲 Lead-out 的控制區結束。Multi Session CD 是一種具有多話路的 CD，從 Lead-in 到 Lead-out 的每個分段被作爲單獨的話路。

CD-Extra：是一種格式，將音頻（音頻 CD 資料）作爲軌跡錄製在話路 1 中，將資料作爲軌跡錄製在話路 2 中。

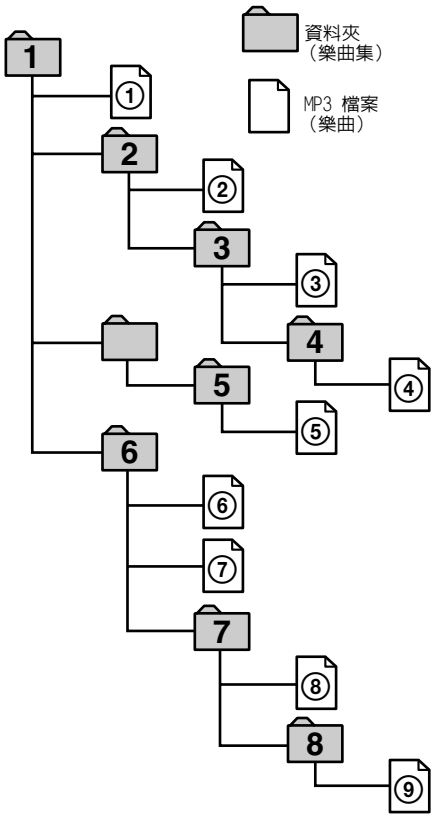
Mixed CD：在這種格式中，資料被錄製爲軌跡 1，且音頻（音頻 CD 資料）被錄製爲軌跡 2。

注意
- 除了 ISO 9660 1eve1 1 和 1eve1 2 格式，其它格式的資料夾名稱或檔案名稱可能無法正確顯示。
- 在命名時，必須在檔案名稱後加上擴展名 “.MP3”。
- 如果將擴展名 “.MP3” 加在非 MP3 檔案上，本機則無法正確識別該檔案，並將產生能損壞揚聲器的雜音。
- 以下光碟要花費較長時間才能開始播放。
  – 以複雜的樹形架構錄製的光碟。
  – 以 Multi Session 錄製的光碟。
  – 可以加入資料的光碟。

播放以 Multi Session 錄製的光碟時的警示
- 當第一話路的第一個軌跡是音頻 CD 資料：
  只能播放音頻 CD。
  無聲顯示非音頻 CD 資料 /MP3 檔案資訊（軌跡號碼和時間等）。
- 當第一話路的第一個軌跡不是音頻 CD 資料：
  – 如果光碟中有一個 MP3 檔案，則只播放 MP3 檔案，其他資料被跳過。（音頻 CD 資料未被識別。）
  – 如果光碟中沒有 MP3 檔案，則顯示 “NO MUSIC” 且不播放任何內容。（音頻 CD 資料未被識別。）

MP3 檔案的播放順序

資料夾和檔案的播放順序顯示如下：



樹級 1（根目錄）　樹級 2　樹級 3　樹級 4　樹級 5

注意
- 不含有 MP3 檔案的資料夾被跳過。
- 最大資料夾數量： 255 （包括根目錄資料夾和空資料夾）
- 一張光碟中能包含的 MP3 檔案和資料夾的最大數量：512
  當檔案 / 資料夾名稱包含許多字符時，該數量可能小於 512。
- 能夠播放的最大樹級數量爲 8。

提示

若要規定所需要播放順序，在資料夾或檔案名稱之前，按照數字（例如：“01”，“02”）輸入順序，然後將內容錄製在光碟上。（視寫入軟體而定，順序將有所不同。）

關於 “Memory Stick”

何為 “Memory Stick” ?

“Memory Stick”是一種輕便小巧，但是容量比軟盤大的多的多功能 IC 記錄媒體。“Memory Stick”專門設計用於在 “Memory Stick”相容產品之間交換和分享數字資料。因爲可移取，“Memory Stick”也可用於外部數據存儲。

“Memory Stick”的類型

有兩種類型的 “Memory Stick”。

“MagicGate Memory Stick （白色）”
- 具有 “MagicGate”版權保護技術。
- 可進行 MS 自動播放。
- 您也可以存取圖像資料。

“Memory Stick （藍色）”
- 不具有 “MagicGate”版權保護技術的 “Memory Stick”。
- 不可進行 MS 自動播放。
- 只能存取圖像資料。

購買 “Memory Stick”時請注意以下事項：
- 用於 MagicGate 相容設備而錄製音樂資料，務必購買具有 “MG Memory Stick”標示圖 （以下編號 1）的 “MagicGate Memory Stick”。
- 用於錄製其他資料，請購買具有 “Memory Stick”標示圖 （以下編號 2）的普通 “Memory Stick”。

1

2

注意

本產品支持的 “MG Memory stick”和 “Memory Stick”的記憶體容量如下：

MG Memory Stick: 最大 128MB

Memory Stick: 最大 128MB

何為 “MagicGate”

“MagicGate”是用於 “MagicGate Memory Stick”和相容產品的版權保護技術，例如 Network Walkman。確保受保護的內容僅在相容設備和 “MagicGate Memory Stick”間傳送，且以加密格式錄製和傳送受保護的內容，防止未經許可的拷貝或播放。

關於使用

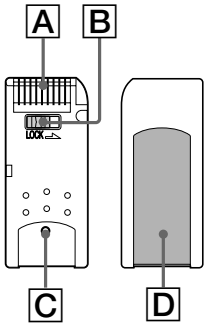
爲避免損壞資料，切勿
- 在讀取或寫入資料時取出 “Memory Stick”。
- 在有靜電或電干擾的場所使用 “Memory Stick”。

“Memory Stick”的格式化

“Memory Stick”在出廠時進行了 FAT 格式化，作爲其標準格式化形式。

格式化 “Memory Stick”時，請勿在 Windows Explorer 上使用格式化功能。

“Memory Stick”的處理



- 當 “Memory Stick”防抹開關被設定於 “LOCK”位置時，則無法錄製、刪除或編輯資料。(B)
- “MagicGate Memory Stick”後面的突出觸覺點使其區別於普通的 “Memory Stick”。(C)
- 請勿在標籤黏貼處黏貼除附送標籤外的其他東西。(D)
- 正確地貼上標籤，勿使其伸出黏貼位置。
- 請勿用手指或金屬物體接觸 “Memory Stick”的連接器。(A)
- 請勿使 “Memory Stick”彎曲、摔落或受到強烈的沖擊。
- 請勿拆卸或改造 “Memory Stick”。
- 請勿弄濕 “Memory Stick”。
- 請避免在以下場所使用或保存 “Memory Stick”：
  - 高溫，如停在陽光下的汽車內
  - 陽光直射處
  - 高濕度或有腐蝕性物質的場所
- 爲延長 “Memory Stick”的使用壽命，請用附送的存放盒。

關於清潔

用蘸有水或中性清潔劑的軟布擦拭播放機外殼。請勿使用可能會損壞機殼光潔度的任何類型的研磨劑、擦洗粉或者酒精或苯等溶劑。

規格

CD 播放機部分

信噪比	95 dB
頻率響應	10 – 20,000 Hz
抖晃率	低於可測限制

MS 部分

信噪比	90 dB
頻率響應	10 – 20,000 Hz

調諧器部分

FM

調諧範圍	87.5 – 108 MHz
天線端子	外接天線連接器
中頻	10.7 MHz/450 kHz
有效靈敏度	8 dBf
選擇度	400 kHz 時爲 75 dB
信噪比	66 dB（立體聲）， 72 dB（單聲道）
1 kHz 時諧波失眞	0.6 %（立體聲）， 0.3 %（單聲道）
分離度	1 kHz 時 35 dB
頻率響應	30 – 15,000 Hz

MW/LW

調諧範圍	MW：531 – 1,602 kHz LW：153 – 279 kHz
天線端子	外接天線連接器
中頻	10.7 MHz/450 kHz
靈敏度	MW：30 μV LW：40 μV

一般情況

輸出	音頻輸出（前／後） 超低音揚聲器輸出 （單聲道） 電動天線繼電控制端子 功率放大器控制端子
輸入	電話 ATT 控制端子 照明控制端子 BUS 控制輸入端子 BUS 音頻輸入／ AUX IN 端子 天線輸入端子
音調控制	100 Hz 時低音±8 dB 10 kHz 時高音±8 dB
響度	100 Hz 時 +8 dB 10 kHz 時 +2 dB
電源要求	12 V DC 汽車電池 （負接地）
尺寸	約 178×50×178 mm （寬／高／深）
安裝尺寸	約 182×53×157 mm （寬／高／深）
質量	約 1.7 kg
提供的附件	卡片式遙控器 RM-X132（1） 安裝和連接用零件 （一套） 前面板蓋（1）
選購附件	無線旋轉式控制器 RM-X6S BUS 電纜（附帶一根 RCA 針型導線） RC-61（1 m），RC-62（2 m）
選購裝置	CD 換碟機（10 碟式） CDX-757MX，CDX-656X CD 換碟機（6 碟式） CDX-T70MX，CDX-T69X MD 換碟機（6 碟式） MDX-66XLP 音源選擇器 XA-C30

美國和外國之註冊專利由杜比實驗室提供。

注意

本機不能連接數字前置放大器或均衡器。

設計和規格若有變更，恕不另行通知。

故障排除

下列檢查表有助於解決您使用本機時可能遇到的問題。

在使用下面的檢查表之前，請檢查連接和操作步驟是否正確。

一般情況

操作按鈕無效。
按重新設定按鈕。

無聲。
- 按 VOL 控制桿調節音量。
- 取消 ATT 功能。
- 將雙路揚聲器系統的衰減控制設定在中心位置。

記憶內容已被消除。
- 已按下重新設定按鈕。
  →再將設定存入記憶中。
- 電源線或電池已被斷開。
- 電源連接線未被正確連接。

無“嘟嘟”聲。
“嘟嘟”聲功能被取消（第 41 頁）。

指示項從顯示幕上消失 / 未出現在顯示幕上。
如果您按 (OFF) 按鈕持續 2 秒鐘，時鐘顯示將消失。
→再次按 (OFF) 按鈕持續 2 秒鐘顯示時鐘。

儲存之電台及正確走時被消除。
保險絲已熔斷。
點火鑰匙處於 ON、ACC 或 OFF 位置時，裝置會產生噪聲。
導線與汽車輔助電源連接器未正確匹配。

裝置無供電。
- 檢查電源的連接。若一切正常，則請檢查保險絲。
- 汽車不具有 ACC 位置。
  →按 (SOURCE) 按鈕打開本機電源。

本機始終處於通電狀態。
汽車不具有 ACC 位置。
→按 (OFF) 按鈕 2 秒鐘。

電動伸縮天線未伸出。
電動伸縮天線未裝繼電器。

CD/MD 播放

無法開始播放。
- MD 有缺陷或 CD 髒了。
- 由於錄製設備或光碟狀況的原因，有些 CD-R/CD-RW 可能無法播放。

無法播放 MP3 檔案。
- 不是以 ISO 9660 1eve1 1 或 1eve1 2 格式，或者擴展格式中的 Joliet 或 Romeo 錄製的。
- 檔案擴展名 “.MP3”未加在檔案名稱後。
- 檔案不是以 MP3 格式存儲。

無法正確地顯示文件夾名稱 / 軌跡名稱 / ID3 標籤。
- 光碟與 ISO 9660 1eve1 1 不相容。
  →請使用相容光碟。
- 本機只能顯示字母代碼，如 ASCII、歐洲字母的一半（ASCII 僅對於 Joliet）和 Shift-JIS。無法正確顯示上述字母代碼外的其他代碼。

MP3 檔案要花較長的時間才開始播放。
以下光碟要花較長的時間才開始播放。
– 以複雜的樹形結構錄製的光碟。
– 以 Multi Session 錄製的光碟。
– 可以添加資料的光碟。

聲音顫動產生跳音。
- 本機安裝角度大於 30°。
- 本機未安裝在汽車上較堅固的位置。

跳音。
- 有缺陷或骯髒的光碟。
- CD-R/CD-RW 已被損壞。

本機在關閉光碟托架或還原設定時發出噪音。
這僅僅是本機檢查光碟的聲音，不是故障。

無線電接收

不能預設調諧。
- 將正確的頻率存儲在記憶體內。
- 廣播訊號太弱。

無法接收電台。
有噪音干擾。
- 請將電動天線控制導線（藍色）或輔助的電源導線（紅色）連接到汽車天線升壓器的電源導線。（只有當您的汽車在後 / 側玻璃內有內置 FM/MW/LW 天線時。）
- 檢查汽車天線的連接。
- 自動天線不能上升。
  →檢查電動天線控制導線的連接。
- 檢查頻率。
- DSO 模式開啓時，聲音有時會受到噪音的影響。
  →將 DSO 模式設定爲 “OFF”（第 42 頁）

不能自動調諧。
- 本地搜尋模式設定在 “ON”。
  →將本地搜索模式設定爲 “OFF”（第 41 頁）。
- 廣播訊號太弱。
  →進行手動調諧。

“STEREO” 指示閃爍。
- 精確地調諧電台頻率。
- 廣播訊號太弱。
  →設定至單聲道接收模式（第 41 頁）。

收聽到的立體聲廣播節目是單聲道。
本機處在單聲道接收模式。
→取消單聲道接收模式（第 41 頁）。

RDS

收聽幾秒鐘後開始搜索。
該電台爲非 TP 電台或信號微弱。
→反覆按 (AF) 或 (TA) 直至 “AF” 或 “TA” 消失。

無交通通告。
- 開啓 TA 功能。
- 該電台儘管爲 TP 電台但不廣播交通通告。
  →調入另一個電台。

PTY 顯示為 “--------”。
- 當前電台爲非 RDS 電台。
- 未接收到 RDS 資料。
- 本電台未指定節目類型。

出錯顯示 / 資訊

出錯顯示

（用於本機和選購的 CD/MD 換碟機）
下述指示將閃爍 5 秒鐘左右，隨之將聽到警告聲。

Blank *1
MD 上沒有錄製軌跡。*2
→播放錄製有軌跡的 MD。

Cannot Play
- 由於格式差異本機無法播放某些檔案。
- 試圖播放帶有與本機不相容的，具有數據限制的音頻資料。
  →使用與 “Memory Stick” 相容的設備可以刪除 “Memory Stick” 中的資料。

Error*1
- CD 髒了或 CD 上下裝反了。*2
  →將 CD 擦拭乾淨或正確地裝入 CD。
- 由於某些原因，CD/MD 不能播放。*2
  →裝入另一張 CD/MD。

Expired
- 試圖播放帶有過期資料限制的音頻資料。
- 試圖播放帶資料限制的音頻資料，但沒有設定時鐘。
  →您必須在選單中設定日期。

File Error
- 無法讀取資料。
- 資料被損壞或破壞。
  →將資料導入電腦內，然後用與 “Memory Stick” 相容的其他設備重新格式化 “Memory Stick”。

High Temp
環境溫度高於 50℃。
→等待本機溫度低於 50℃。

Locked
“Memory Stick” 的防抹開關被設定於 “LOCK”。
→將 “Memory Stick” 的防抹開關設定爲關閉。

續下頁 →

Memory Stick Error
- 無法存取 “Memory Stick”。
- “Memory Stick”有故障。
- 本機插入了無法播放的“Memory Stick”。
- 插入的 “Memory Stick”與本機不相容。

→取出並重新插入 “Memory Stick”。如果有問題，請將資料導入電腦內，然後用與 “Memory Stick”相容的其他設備重新格式化 “Memory Stick”。如果問題仍然存在，請將本機和 “Memory Stick”帶到最近的 Sony 經銷商處。

MG Error
- “Memory Stick”被識別爲未經版權保護許可。
- 檢測到一個經版權保護授權發行的檔案。

→取出並重新插入 “Memory Stick”。如果有問題，請將資料導入電腦內，然後用與 “Memory Stick”相容的其他設備重新格式化 “Memory Stick”。如果問題仍然存在，請將本機和 “Memory Stick”帶到最近的 Sony 經銷商處。

MS System Error

本機有故障。

→按下本機的重新設定按鈕。

NO Audio

插入了無可播放音頻資料的 “Memory Stick”。

→使用 SonicStage 或 OpenMG Jukebox 導出音頻資料。

NO Disc

CD/MD 裝置中未裝入光碟。

→將光碟裝入 CD/MD 裝置。

NO Magazine

光碟匣未裝入 CD/MD 裝置。

→將光碟匣裝入 CD/MD 裝置。

NO Music[*1]

插入了非音樂檔案的 CD。

→請插入音樂 CD。

Not Ready

MD 裝置 （MDX-40）的蓋子被打開或 MD 未被正確地裝入。

→關上蓋子或正確地裝入 MD。

Push Reset

因某些原因 CD/MD 無法操作。

→按下本機的重新設定按鈕。

*1 當 CD/MD 換碟機與本機連接時，CD 或 MD 的光碟號碼出現在顯示幕上。
*2 造成錯誤的光碟號碼出現在顯示幕上。

如果這些解答仍無法助您改善情況，請向距您最近的 Sony 經銷商咨詢。

資訊

Local Seek up/Local Seek down

在自動調諧時，Local Seek 模式爲開啓狀態 （第 25 頁）。

關於 ID3 標記版本 2

播放含有 ID3 標記版本 2 的 MP3 檔案時會發生以下情況，但這都不是故障：

– 當正在跳過 ID3 標記版本 2 一個部分時 （位於樂曲的開頭）沒有聲音輸出。跳躍時間視 ID3 版本 2 容量將發生變化。
例如：64 千字節的時間爲 2 秒鐘 （使用 RealJukebox）。
– 當正在跳過 ID3 標記版本 2 的一個部分時所顯示的已播放時間不是準確的時間。
對於除 128 kbps 比特速率之外的 MP3 檔案，當播放時，其時間不能準確顯示。
– 當 MP3 檔案是由 MP3 轉換軟體 （如：RealJukebox *）所建立，ID3 標記版本 2 將被自動寫入。
*“RealJukebox 是 RealNetworks 公司的註冊商標。”

自 2001 年 12 月起。

索引

A
AF 28，29
ATRAC3 10，20，24
ATT 41
Auto Clear 40
AutoScroll 21，41
AUX 45
AUX Level 42，45
AUX Skip 41，46

B
Balance 41
Bass 41
Beep 41
Blend Level 40
BTM 24，29
保險絲 47
標準模式 13，21，25，27

C
CD TEXT 19，23，24
Char Setup 40
ClipMotion 16，37
Contrast 41
CT 31，41
CUSTOM FILE 23，24
重新設定 18

D
Dimmer 41
DSO 41，42

E
Edit 7，23，24，29
EQ7 41，43
EQ7 Tune 42，43

F
Fader 41，44

G
光碟記憶 21，23

H
HPF 42，44

I
ID3 標記 21，56
Image 15

J
Jacket Pic 16，35

L
Local 25，41
Loudness 42
LPF 42，45
鋰電池 48
列表功能 24，26

M
“MagicGate” 52
MDLP 21
“Memory Stick” 16，31，34，35，37，38，52
“MG Memory Stick” 10，20，21，52
Mono 25，41
MP3 50，51
MS Auto 20

N
Name Del 23
Name Edit 23

P
Panorama 17，34
Picture Del 39
PlayMode 7
PTY 30
頻譜分析儀模式 13，21，25，27

Q
全景 / 壁紙模式 13，21，25，27

R
Regional 28，41
REP（重複） 22

續下頁 →

S
Security 46
Setup 7，18，20，31，46
SHUF（隨機播放） 22
Slide Show 17，38
SoundTuning 7，43，44，45
SubWoofer 41，44
時鐘 18，41
時鐘 / 幻燈片放映模式 14，21，25，27
T
TA 29
TP 29
Treble 41
W
Wall Paper 16，31
X
顯示 7
Y
螢幕節能模式 14，21，25，27

http://www.sony.net/
Sony Corporation Printed in Japan